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The CHEMIST AND DRUGGIST

RETAILER - WHOLESALE - MANUFACTURER

1859

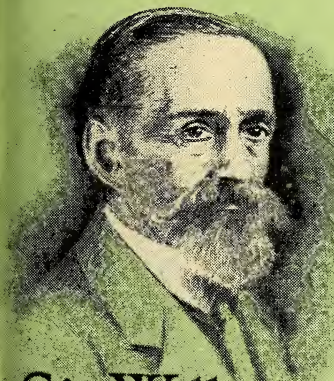
28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

MARCH 16, 1946

Annual Subscription (with
Diary) 25/- Single copies 9d.

SCIENCE & PHARMACY SERIES No. 40



Sir William Glyn-Jones

M.P., J.P., M.P.S., Barrister-at-Law.

WORCESTER 1869

VANCOUVER 1927

It is fitting that on the 50th anniversary of the P.A.T.A., the memory of its founder should be perpetuated with gratitude. In a lifetime devoted to pharmacy, in parliament and out, William Glyn-Jones justly earned the description which appeared in the "Chemist and Druggist," September 17th, 1927, of "the greatest pharmaceutical politician and organiser of modern times."

BURGOYNE BURBIDGES

Established 1741 & COMPANY LIMITED LONDON, E.C.



A Consistent Policy

===== FOR OVER **40** YEARS =====

*Extract from
the "Anti-Cutting Record"
JUNE 1905,—
the P.A.T.A. Journal
of those days.*

"PARKE, DAVIS & Co., 11 Queen Victoria Street, E.C. Those of our readers (and they must be numerous) who stock Messrs. P., D. & Co.'s goods will be very glad to see that they have this month placed their Euthymol Tooth Paste, and a long series of other articles, on the list..."

===== IT STILL PAYS TO SELL =====

Parke-Davis

PRODUCTS

MILTON
BRAND

ANTISEPTIC OINTMENT

... which has in a soothing base
the valuable healing qualities
of 'Milton'...

**NOW AVAILABLE
IN NEW AND
MODERN PACK**



One size only
1/4d including Purchase Tax
Packed in dozens 10/6d per dozen

P.A.T.A.

A new showcard is available to all Chemists

on application to **MILTON ANTISEPTIC LIMITED**
10/12, BREWERY ROAD, LONDON, N.7.



*Reasons why
Anne French
cleansing milk
has maintained its reputation .
and yours*

1

Because throughout the days of shortages and restrictions, the high standard of this product has been maintained.

2

Because supplies, when available, are distributed with perfect fairness and impartiality to all stockists.

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Because the Anne French advertising campaign has explained to the public that shortage of stocks has not been the fault of the retail supplier.

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Because behind the manufacture of Anne French Cleansing Milk is a background of scientific laboratory research, and talented and reputable chemists.

6

Because in selling Anne French Cleansing Milk to your customers you are supplying them with the finest means of acquiring and developing a healthy complexion.

7

Because as supplies increase, your turn-over will be considered as our policy of educating the public in the benefits obtained from the use of Anne French Cleansing Milk will continue to create demand.

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2/5, Old Bond Street, London, W.1. • Manufacturers and Distributors for Anne French Cleansing Milk • International Chemical Company Limited, Clifton House, Euston Road, London, N.W.1.

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Evans Dermal Powder (E.D.P.), an ideal antiseptic dressing for minor wounds, should be in every home. It promotes rapid healing, reduces the risk of infection and is painless on application. E.D.P. can be recommended with confidence to sufferers from sore feet.

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Standard size 2/- (inc. tax) Hospital size 6/8 (inc. tax)

Evans Dermal Powder is made in England by

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CHEMIST...



IN our press advertisements we advise women to ask their chemist for a copy of "Hygiene for Women," by Nurse Drew.

50,000 direct applications prove women are vitally interested in feminine hygiene.

If you have not a good supply of these popular booklets for counter display then you are not getting your share of the ever-growing demand for the various Rendells Products.

Why not write us today for a supply of our latest Chemist Display Aid?

Rendell
PRODUCTS

PATA

FOR FEMININE HYGIENE

W.J. RENDELL LTD · HARDWICK HOUSE · 161-5 ROSEBERY AVENUE · LONDON. E

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No Shortage... No Delay...

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Doctor and patient alike appreciate the prompt dispensing of prescriptions. So, surely, does the pharmacist.

Save for very few, all the British Schering products are in full supply.

Our stocks are adequate. Are yours?

British Schering Price List will be sent on receipt of 1d. stamp (paper restrictions)

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185-190 High Holborn, London, W.C.1



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ALL PACKED IN
ATTRACTIVE DISPLAY BOXES
OF ONE DOZEN

The "45" DOME, 2 1/2 doz,
formerly 10/6 and
NOW 9/3 and 1/2
per dozen

"FINGERTIP"

The "FINGER TIP"
(Regd.)
formerly 11/- doz.
NOW 9/6 doz.

Purchase Tax 16 2/3% extra

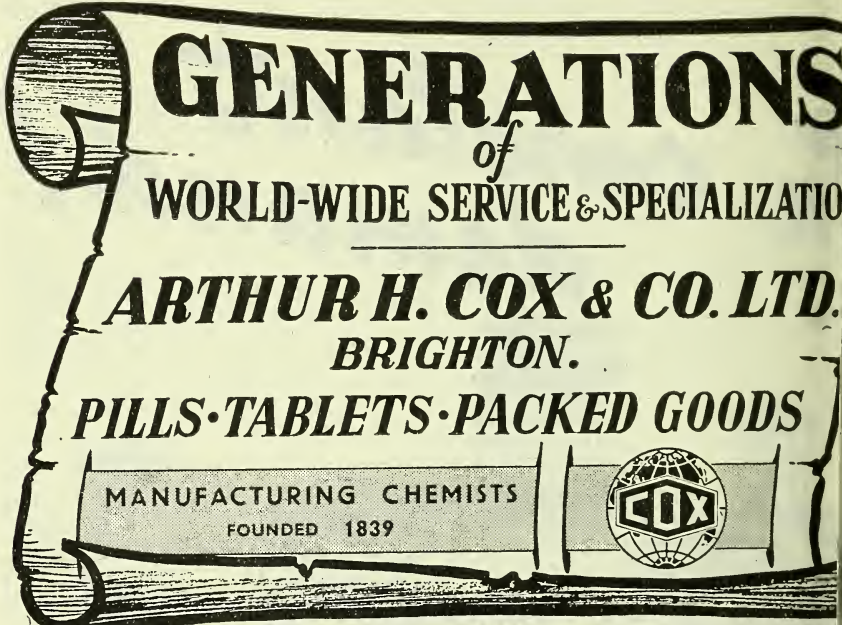
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WORLD-WIDE SERVICE & SPECIALIZATION

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FOUNDED 1839



The "MODERN" TEAT

Nearest to Natural

Feeding.

ANTI-COLIC



Will stand repeated

Sterilisation.

LASTS LONGER

and VALVES Etc.

HOT WATER BOTTLES

"RIPPLE" and "DOLPHIN"

GUARANTEED and TESTED

Supplies for the moment available only to those on our books, but we hope to include new customers for next season.

Samples and quotations on request. (WHOLESALE ONLY)

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THE CANNON RUBBER MANUFACTURERS LTD., LONDON, N.I.

AFTER FLU — VITAMIN TONIC



A CONCENTRATED PRODUCT
(Teaspoonful dose)

CONTAINING:

Vitamin A, Vitamin B₁, Vitamin D,
Phosphates of Calcium,
Iron, Manganese, Sodium and
Potassium with Strychnine.

12 doz. Bottles. Retail 1/7 Incl. P. Tax.

6 doz. " " 2/6 " "

3 doz. " " 4/6 " "

Extra discounts for

3 doz., 6 doz. and 12 doz. lots.

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HARROW, MIDDLESEX

Phone: BYRON 1440 Grams: Damancy-Harrow

Here is the larger of the two packs of Daisy Tablets which may become more popular than the neat and trim 3½d. size. You will like the new 1/3 pack. A really good formula (A.P.C. with Piperine—perhaps the best of all A.P.C. combinations), a first-rate pack—a popular price and generous profit.

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Limited supplies of this handsome display carton are still available and will appeal to the Chemist who seeks to establish the 1/3 Price Standard. Order from your Wholesaler: 1 Display Carton (1 dozen), 1/3. Daisy Tablets at 9/6. plus Tax. (P.A.T.A.).
J. E. ELLIS LTD., HORSFORTH, LEEDS



products listed below, though not necessarily available to new buyers, will serve as a reminder to those friends in the trade who for many years

have shared in their established sales.

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ENZ CLENZ

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ELLANBAND BANDAGES

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URGENT EMPTY CASES *please*

For some time past we have experienced considerable difficulty in despatching supplies of Andrews because of the acute shortage of cases.

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and unless customers holding Andrews empty cases return them immediately a hold-up in deliveries will result. Your co-operation is requested. Postage or carriage will be credited.

HOW TO SEND

Fold cases flat, flaps inside, tie up. Ready addressed gummed labels obtainable from our travellers, or direct from us. Up to 15 lbs., by post (*state cost on label*). Over 15 lbs., by rail, c/fwd (*or state cost on label*).

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SCOTT & TURNER, LTD.
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79

Research

IS THE BASIS

Intensive Study of Calcium and Phosphorus Deficiency has led to this Outstanding Product

'CALFOS' has an important background of research behind it. Clinical tests and metabolic balance trials on a large scale have shown definite benefits resulting from a consistent course of 'CALFOS', especially in building young teeth and in preserving intact vital mineral reserves of expectant and nursing mothers.

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In displaying and recommending

'CALFOS' you are giving

customers a product with

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supplying an essential need

in every ten of your customers

deficient in calcium. You are

returning these vital minerals

Nature's true proportions.

*These Vital Minerals Build Sound
and Teeth and Preserve Good Health*

CALFOS

Natural Mineral TABLETS

Trade Terms

Boxes of 50's per doz. 20/- plus Purchase Tax 3/6

Retail price 2/9½d. including P.T.

Boxes of 120's per doz. 38/- plus Purchase Tax 6/6

Retail price 5/3½d. including P.T.

CALFOS LIMITED

IMPERIAL HOUSE, KINGSWAY, LONDON, W.C.2



Tribute to Ointments

Wherever our ointments are used, all pay tribute to their exceptionally fine appearance and uniform consistence. Whether packed or in bulk their high quality never varies.

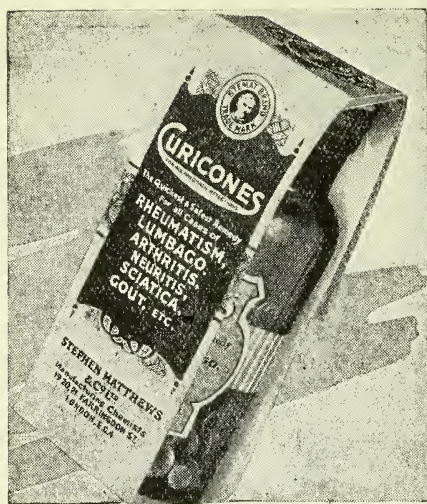


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FOR OVER SIXTY YEARS

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KIRKSTALL HILL
LEEDS



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THE LARGE 24' SIZE
You can order it!

We are pleased to draw attention to the fact that

5/- and 24/- Bottles of
CURICONES
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We draw special attention to this because, in recent weeks, many instances have come to light of intending purchasers being informed that these sizes are unobtainable

ORDER THROUGH YOUR USUAL
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CURICONES

For the relief of Rheumatism and kindred troubles

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**Quality
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These characteristics have established the leadership of 'ASPRO' among medicinal lines in all parts of the world to which it has been introduced.

Unique marketing methods in which service to the distributor and to the public is the first consideration, have secured for 'ASPRO', everywhere, a standard of goodwill which lifts it right "out of the rut," above the imitations of plagiarist or imitator.

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'ASPRO'
Tablets
 are made by

ASPRO LTD., SLOUGH, BERKSHIRE

'ASPRO'
 REG. TRADE MARK

The complementary treatments for colds



Welcomed by Doctors and Pharmacists as soon as it was introduced, **Argotone** is now appreciated everywhere as a reliable and effective preparation for most naso-laryngeal and certain eye affections.

To relieve additional symptoms of headaches, stiffness and fever in the common cold, the oral administration of **Deltamin** tablets is highly recommended.

Together, **Argotone** and **Deltamin** offer a complementary treatment which can be prescribed with confidence.

ARGOTONE

RETAIL PRICE **3/7** including tax

LIST PRICE **2/10** including tax

DELTAMIN

RETAIL PRICE **2/3** including tax

LIST PRICE **1/9** including tax

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ARGOTONE + DELTAMIN
NASAL & EYE DROPS TABLETS

INCREASED NATION-WIDE ADVERTISING



with very attractive window transfer and display outer will SWELL SALES FROM STRENGTH TO STRENGTH. Order from your wholesaler on terms: 33 1/3 rd, less 10% CASH DISCOUNT 30 DAYS, but note special terms:—

for displaying both window transfer and display outer:— Additional 7 1/2% on all orders received during 3 months display period

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BEASTMARKET HILL, NOTTINGHAM

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A.T.A. Retail Prices of new Bottle Packings:
 SMALL, 2/6 Incl. Tax | LARGE—As long as Stock 7/6 Incl. Tax
 MEDIUM, 4/7 " "

GROUND DRIED YEAST

MIDGLEY & PARKINSON, LTD.
WARREN WORKS, PUDSEY LEEDS

You Can Obtain Everything
FOR YOUR PERFUMERY TRADE
from a label to a box for the bottle

From S. KHAN
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Sole Manufacturers.

JEFFREYS MILLER & Co. Ltd. Leyland Mills, WIGAN, London Dept. 19 Brookside Road

The VITAMIN MALT FOOD

With Vitamins (A 6,500 I.U., D 400 I.U.) per fl. oz.

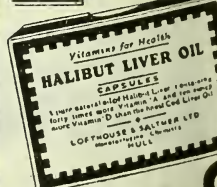
HALIBUT LIVER OIL CAPSULES

We can still supply by return of post.

Boxes of 24 Capsules 11/- doz., 60, 22/- doz.,

LOFTHOUSE & SALTMER LTD. HULL

PATA



A **'LEDA'** PRODUCT



LEDA DUSTING POWDER

A FINE BORATED POWDER,
ATTRACTIVELY PACKED IN
SPRINKLER TINS

A sales-compelling 1/6d
line you must keep in
stock. Supplies obtain-
able from your usual
wholesaler.

LEDA CHEMICALS LTD., ALPHA WORKS,
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TELEPHONE: ARCHWAY 4544 & 1024.

STANNING PROPRIETARIES LTD.

*inform all
their friends
that they
are closing their
Harrogate Office
and as from the
18th February
their address
will be:—*

**32, ST. JAMES'S STREET,
LONDON, S.W.1**

Telephone: ABBEY 3029

so while address all communications should be sent.



CO-OPERATION IS ONE INGREDIENT

Just as the co-
operation of the
Pharmacist is
essential in com-
pounding a Doctor's
prescription, so also
is the co-operation of
the Chemist necessary
in distributing manu-
facturers' products.

For further information
regarding such co-operation
consult:—

IRISH DRUG ASSOCIATION

12-14 COLLEGE GREEN
DUBLIN, C.1

BIOLOGICAL PREPARATIONS

THE QUALITY OF ALL MBL PRODUCTS IS ABSOLUTELY IDENTICAL WITH THAT OF PRE-WAR PREPARATION

because of our heavy purchases immediately before war broke out. Our stocks are still considerable and the high MBL standard will be fully maintained.

THERE IS NO SHORTAGE OF ANY OF OUR PREPARATIONS

					Retail Price	CHEMISTS' PRICE					
						Per unit			Per dozen		
					(inclusive of Tax)	Net	+	Purchase Tax	Net	+	Purchase Tax
ANTIPEOL											
OINTMENT	4 oz. tube ..	..	..	..	6/8½	4/2½	+	8½	50/5	+	
	40 gr. " ..	..	..	..	3/4½	2/1½	+	4½	25/3	+	
	20 gr. " ..	..	..	..	1/10½	1/2	+	2½	14/-	+	
LIQUID	40 c.c. bottle ..	..	..	..	3/4½	2/1½	+	4½	25/3	+	
OPHTHALMO-ANTIPEOL											
	20 gr. Nozzled Tube ..	..	..	..	3/4½	2/1½	+	4½	25/3	+	
RHINO-ANTIPEOL											
	20 gr. Nozzled Tube ..	..	..	..	2/9½	1/9	+	3½	21/-	+	
ENTEROFAGOS (ORAL AND INJECTABLE)											
	Box of 50 ampoules ..	..	..	..	19/-	13/3½		None	159/7		
	" 10 " ..	..	..	..	4/3	3/-		None	35/8		
	" 5 " ..	..	..	..	2/6	1/9		None	21/-		
DETENSYL											
	Tin of 500 tablets ..	..	..	..	39/-	24/-	+	4/-	288/-	+	
	Tube of 50 " ..	..	..	..	4/5½	2/8½	+	5½	32/4	+	
ST. JAMES' BALM											
	Tin of approx. 2½ oz. ..	..	..	..	2/10	1/11	+	4	22/6	+	
	" " 1 oz. ..	..	..	..	1/5	11	+	2	11/3	+	
	Tube ..	..	..	..	1/2	9	+	2	9/-	+	

Carriage paid on all orders of 1 dozen or £1 and over.

Terms: NETT, monthly account.

MEDICO-BIOLOGICAL LABORATORIES LTD., LONDON, S 28



TRADE MARK

PRICE LIST

«WB»

MEDICAL PRODUCTS

WARD, BLENKINSOP
& CO LTD

BROOKLANDS · HALEWOOD · LIVERPOOL

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to send a copy of our
price list on request

Our telephone number is HUNTS CROSS 1381
and our London Stockists are CURTIS & CO.
79 Baker Street, W. 1. Telephone WELbeck 7904

CLEF *The Luxury Flapjack*

In Gold or Silver finish



Sole Distributors :—

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AUDREY HOUSE, ELY PLACE, LONDON, E.C.1

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HATTON (EXPORTS) LTD

AUDREY HOUSE, ELY PLACE, LONDON, E.C.1

Why you should Sell
WANDER
— BRAND —
MALT & COD LIVER OIL



OF UNSURPASSED QUALITY

THE supreme pharmaceutical excellence of Wander Brand Malt Extract and Cod Liver Oil, the outstanding preparation of its kind, has for many years been widely recognised by physicians.

The Cod Liver Oil used is the best obtainable and the malt extract is specially prepared by A. Wander Ltd., who are probably the world's largest producers of medicinal malt extract and are leading authorities upon its manufacture. These two ingredients are combined in the proportions most generally required by the medical profession.

Both in its attractive appearance and toffee-like flavour, Wander Brand Malt Extract and Cod Liver Oil is readily acceptable to children and adults. In every respect it is a product which the pharmacist can recommend with the fullest confidence.

On the P.A.T.A.

Wholesale Prices: 1 lb. Jars 18/9; 2 lb. Jars 35/6

Exempt from Purchase Tax

Retail Prices: 1 lb. Jars 2/-; 2 lb. Jars 3/10½

For further details write to:

A. WANDER, LTD.

5 & 7 Albert Hall Mansions

London, S.W.7

You can PROMISE 3-SECOND RELIEF from NASAL CONGESTION

To the customer in search of a remedy for nasal congestion resulting from head cold or catarrh you can make this promise for Karsodrine — that within 3 seconds of taking two sniffs up each nostril from the Karsodrine Inhaler the congestion will recede. Karsodrine will keep your promise because its volatile vapours, including amphetamine, afford an instant and prolonged contraction of congested nasal mucosa. The lower price and the convenient ONE-CAP container are added Karsodrine selling points.



KARSODRINE

FORMULA: Amphetamine 0.330 grm; Cineole 0.093 grm; Ol. citronell 0.026 grm; Methyl. Salicyl. 0.023 grm; Ol. Cedri 0.005 grm; Menthol 0.049 grm; Ol. Eucalypt. 0.089 grm.

RETAILS at 1/6 (inc. tax) and shows you up to 5/2d. per dozen profit even on small quantities when ordered with other 'Griffiths Hughes' lines. Send your order to E. Griffiths Hughes Ltd., Adelphi, Salford 3, Manchester.



ANTI-COLD COURSE

AN ANTI-CORYZA VACCINE FOR ORAL ADMINISTRATION

prepared from

SYMBIOTIC BROTH CULTURES

Bacillus Influenzae (Pfeiffer).	Anaeromyces bronchitica.
Influenza Streptococcus (Thomson).	Pneumococci (several types).
Haemolytic Streptococci.	Micrococcus catarrhalis.
Staphylococcus aureus.	

Antiseptic Content 0.25% + Aq. Chlorof.

On P. A. T. A. terms

Literature available on request.



CALMIC LIMITED, WESTHOUGHTON, LANCASHIRE

Dettol

BRAND

Ointment

Effectively bactericidal yet non-irritant ; emollient and penetrative : combining these qualities 'Dettol' Ointment (*P*-chlor-*m*-xylenol and other active principles of 'Dettol') is ideally adapted to the treatment of septic conditions of the skin. Numerous case reports confirm its value in boils, impetigo, bed sores, herpes simplex, varicose and other ulcers, sycosis barbae and septic dermatitis.

Packed in 1-lb. jars for Hospital and Surgery use.


RECKITT AND SONS, HULL AND LONDON
(PHARMACEUTICAL DEPT., HULL)

NIPITS

PASTILLES

FOR
VOICE, THROAT
AND CHEST

Made by
TEASDALE & CO. LTD. CARLISLE



RECOMMEND THE

"LYCO"

YEAST TABLETS

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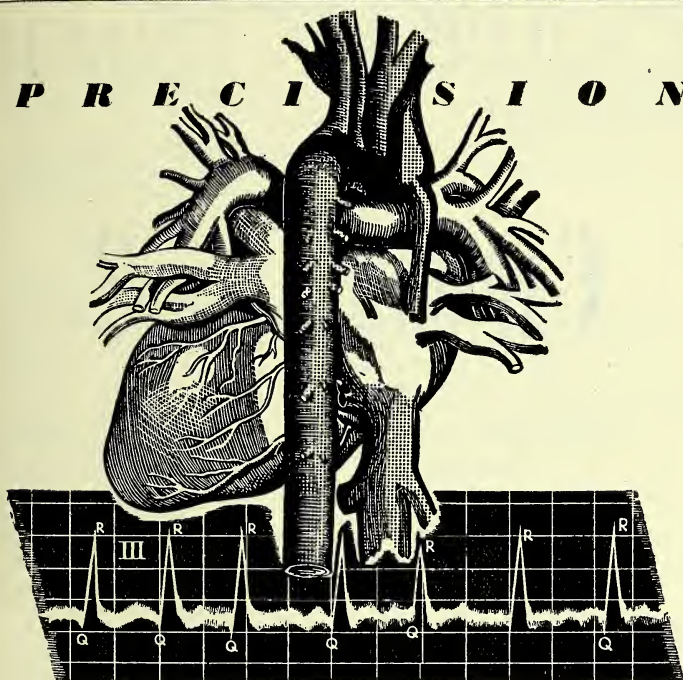
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NEWS OF THE WEEK

Any Refresher Course for Pharmacists.—As part of the Army Education Scheme, the War Office has agreed that a four-week refresher course shall be given to serving pharmacists, without cost to them, before being demobilised. Such a course is now in progress at the School of Pharmacy, Brighton. Announcements concerning the possibility of similar facilities for Naval and Air Force men are expected shortly.

Channel Islands.—During a visit to Jersey recently, Mr. T. Heseltine (a member of the Pharmaceutical Society and National Pharmaceutical Union Executive) discussed the growth and activities of the Chemists' Friends Association. Chemists present at the meeting decided unanimously to request the Association to include the Channel Islands in the territory covered by its operations. Mr. Heseltine was later the chief guest at the first dinner of the local branch of the Pharmaceutical Society (the branch was actually formed in 1938). Guests also included Jurat E. A. Dordy, and Mr. C. S. Harrison (Solicitor-General). During the evening a presentation was made to Mr. R. C. L. Gould.

Scarce Substances Order.—A new Scarce Substances Order is to come into operation on April 1. The Order has been brought in by the Minister of Health in conjunction with the Home Secretary and Secretary of State for Scotland, and rescinds all earlier Scarce Substances Orders except S.R. & O., 1944, No. 795 (generally known as the Ipecacuanha Order). The latter is amended by substituting, as the authorised alternative for tincture of ipecacuanha, a mixture of one volume of tincture of squill and one volume of water. From April 1, Pricing Committees will assume that the authorised alternative has been dispensed in National Health Insurance prescriptions unless the prescriber has indicated otherwise.

Penicillin in Larger Packs.—Medical Intelligence, Ministry of Health, announces that it is proposed to pack a preparation of penicillin in phials containing 200 units, $\frac{1}{2}$ mega unit, and 1 mega unit, in order to effect economies in the use of phials and packing materials. Distribution hospitals receiving substantial amounts of penicillin are being notified of the new packs and invited by the Ministry of Supply to accept

(where possible without wastage of the drug) a proportion of the monthly allocation in the larger packs. Smaller distributing centres are not being approached direct, but are also asked to consider whether they can take a proportion of the larger packs. If they can, they should notify the Penicillin Production Control, Ministry of Supply, Portland House, Tothill Street, London, S.W.1.

Fire.—Damage estimated at £8,000 was caused by a fire at the premises of Boots, Ltd., Market Place, Chesterfield, Derbyshire, recently.

Aid for Chinese Students.—The British United Aid to China has agreed to provide a special grant for the care of students who are suffering from or are threatened with tuberculosis. Students who apply for the extra diet are medically examined, and those found eligible are, in suitable circumstances, given permits to draw extra food.

Manchester Whist Drive.—A whist drive, arranged by the ladies' committee of the Junior Branch of the Manchester Pharmaceutical Association, was held in Manchester on March 6. The prizewinners were: Miss Applewhite, Mrs. Kraft, Miss Davidson, Mr. S. Cowgill, Mr. W. E. Phillipson, and Miss Morrison (playing as gentleman).

Employee Organisation in Scotland.—At their Edinburgh meeting on March 10 the shop assistants' union, Scottish division, considered a request from the North-east Area advocating the organisation of a Scottish advisory committee for pharmacy. A resolution from the Aberdeen branch urging the alteration of rules to include all pharmaceutical employees was also discussed.

1945 Birthrate Down.—A decline in births but new low records in stillbirth and death rates are recorded in provisional figures for 1945 issued by the Registrar-General. A total of 685,544 live births represented a rate of 16.1 per 1,000 population, against 744,843 and 17.5 in 1944. Stillbirths represented 2.8 per cent. of total births, the rate being 0.46, the lowest ever recorded, and 0.04 below that of 1944, the previous lowest. 487,916 (including non-civilians) gave a new low record rate of 11.4 (0.2 below that of 1944). The previous lowest was 11.5 in 1942.

Acton Industrial Exhibition.—An exhibition arranged by the Acton Chamber of Commerce with the dual object of making known the war-production efforts of local industries and showing how they were

adapting themselves to cater for peace-time needs was opened by the Minister of Supply (Mr. John Wilmot) on March 5. It remained open until March 9. Among the exhibitors were J. & A. Carters, Ltd. (invalid furniture); Metal Box Co., Ltd. (metal containers, cartons, colour printing); Pepsodent, Ltd. (tooth-paste and powder); Harold Wesley, Ltd. (stationery); and Wilkinson Sword Co., Ltd. (safety razors and blades).

Wellingborough Company's Dinner.—A suggestion that, considering the number of chemists in the Wellingborough area, a local scientific society would be an advantage, was made by the principal of Wellingborough technical institute at the 20th anniversary celebrations of Scott, Bader & Co., Ltd., industrial chemists, Wollaton, whose staff and employees were gathered at a dinner and social recently. Various speakers congratulated the company on its anniversary, and Mr. E. Bader thanked them for their good wishes. He mentioned that three members of the staff had become directors of the firm. Mrs. Bader then made presentations to the following employees who had been with the firm more than ten years: Misses J. Potter, B. Turner and D. Grant and Messrs. W. Cross and R. Meir. On behalf of the employees, Miss Potter presented a silver sugar bowl to Mr. and Mrs. Bader.

Manchester Pharmacist Masons.—The Manchester Pharmaceutical Masonic Association held a "Victory" ladies evening in Manchester recently. It was the first social function arranged since February 1945. The guests were received by the chairman (Bro. S. Bostock) and Mrs. Bostock. At the loyal toast had been honoured, the following toasts were proposed: "The Chairman" (Bro. J. Edwards); "The Ladies" (Bro. J. Bridgford) and "The Visitors" (Bro. J. Fisher). Replies were made by the chairman, Mrs. Bostock and Bro. W. Sayle Creer. A whist drive followed the dinner, when the prizewinners were: Ladies: 1, Mrs. Tyler; 2, Mrs. Oliver; 3, Mrs. Edwards; hidden number, Mrs. Stewart; lowest, Mrs. Booth. Gentlemen: 1, Bro. Wild; 2, Bro. Todd; hidden number, Bro. Jones; lowest, Bro. Booth. Bro. Hummel acted as M.C. for the whist and Bro. Wild for the dancing.

Birmingham Analyst's Report.—The report of the analyst for the City of Birmingham for the fourth quarter of 1945 recorded that seventy-five samples of drugs were analysed, of which six were found to be incorrect. Four tablets from a sample

aspirin tablets deviated from the correct average weight by amounts varying from 6.7 to 10 per cent. The average weight of aspirin in the sample was gr. 5.53, equivalent to 106.6 per cent. of the stated weight. Two samples of boric acid ointment were found to contain 10 per cent. and 10.7 per cent. respectively of boric acid, and in a sample of "iodised formamints," described as containing, among other things, 0.7 per cent. paraformaldehyde, the actual amount present was only 0.4 per cent., a deficiency of 40 per cent. Two internal samples of Parrish's chemical food were found seriously deficient in calcium and iron phosphates.

Anecdotes at Sheffield.—At the conclusion of Mr. Granville Shaw's informative account of "The Humorous Side of Commercial Travelling," to members of Sheffield Branch of the Pharmaceutical Society on March 13, a member remarked that the other people in Mr. Shaw's stories were all doctors. He wondered if the absence of incidents

featuring pharmacists was due to "the discretionary part of valour." After the chairman had drawn attention to the fact that the speaker and Mr. Crowe (Sheffield Branch) were both candidates in the coming Council election, the secretary outlined a scheme for providing members with demonstrations in dispensing penicillin cream. Messrs. Barker (chief pharmacist, Royal Hospital) and Benzie (chief pharmacist, Royal Infirmary) have offered their services as demonstrators. The Royal Hospital will take parties of four, and the Royal Infirmary parties of six. Tuesdays, Wednesdays and Fridays are more convenient days than Thursdays. The secretary (Mr. S. Durham, 29 Stephen Hill Road, Sheffield, 10) is making all arrangements; and branch members wishing to attend should get in touch with him. A resolution was put to members of the Branch at the meeting on March 13 that the name of the chief officer should be changed from chairman to president.

IRISH NEWS

Ulster Associates' Section.—At the monthly meeting of the committee of the Associates' Section of the Ulster Chemists' Association, held on February 26, Mr. D. L. B. Kelly, Ph.C., and Miss M. C. Hay, Ph.C. (associates), the Misses M. Hand and Hilda Madden, and Messrs. H. D. McE, James Meggan and H. O. Cook (apprentices) were elected members.

Joseph's Pharmacy Branch.—The annual meeting of the pharmacy branch of the St. Joseph's Young Priests' Society will be held at 23 Merrion Square, Dublin, at 8.0 p.m. on March 24. At the February meeting, Mr. Michael Ryan, who presided, referred to the great loss the Branch had suffered by the death of its president (the late Mr. W. G. Cunningham).

Presentation to N.I. Pharmacist.—Mr. J. McKeown, chief pharmacist of the Royal Victoria Hospital, Belfast, retired at the end of February after almost forty-six years' service. He had charge of the hospital's dispensary and was also buyer of the drugs and dressings and surgical instruments. A native of co. Monaghan, Mr. McKeown served his apprenticeship in Cookstown and held positions in Kingstown and Belfast before joining the Royal Victoria staff. On his retirement Mr. Cole received from the staff a wallet of notes and an adjustable reading-lamp, and from the nurses a second wallet of notes. The staff

gifts were handed over by Mr. Andrew Anderson (former secretary) who said Mr. Cole had endeared himself to all by his kindly and lovable nature. Miss A. E. Musson, A.R.R.C. (matron) and Sister Isabel Brown (who handed over their gift) expressed the good wishes of the nurses.

Dublin Chemists' Dance.—The eighteenth annual dance held by pharmaceutical chemists and students in Dublin on February 21 proved a most enjoyable function. The attendance included the president of the Pharmaceutical Society (Mr. J. K. Whelehan) and Mrs. Whelehan, Mr. M. Costelloe (president, Irish Drug Association), Mr. and Mrs. P. C. Cahill, Mr. and Mrs. Sylvester O'Farrell, Mr. M. G. Baynes, Mr. and Mrs. T. Esmond, Mr. and Mrs. C. J. Cremen, Mr. and Mrs. J. Gleeson, Mr. P. Dennehy (Chemists' Rugby Club), Mr. T. O'Keefe (Chemists' Gaelic Club), and Miss M. Keavney (Camogie Club). The officers and committee responsible were Messrs. M. J. Hanna (chairman), C. Ward (vice-chairman), W. J. Gardner (treasurer), S. Boyd (secretary), M. Walshe (assistant secretary), the Misses I. Manley, F. Quinn, N. O'Donnell, U. O'Reilly, P. Fallon; Messrs. J. Treacy, W. Prenderville, B. Anderson, F. Walsh, F. Dwane, P. Rosney, Seamus Fox (chairman, Students' Representative Council), E. Browne, T. Cosgrove, J. D. Tooher, and J. Tierney.

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

A QUESTION on the quantity of camphor received from Japan since the defeat of that country was asked by MR. WILLIAM SHEPHERD on March 4. What further supplies were arranged for the next six months, he inquired?

SIR STAFFORD CRIPPS: Camphor comes from Formosa, which is now separated from Japan and at present under Chinese Military Government. No trading has been possible with Formosa, but the possibilities of an early resumption are being investigated.

MR. SHEPHERD went on to ask what arrangements had been made with the U.S.A. for an equitable allocation of raw materials from Japan, and was informed that discussions were taking place in Washington about arrangements under which supplies of raw materials from Japan should be equitably allocated among the Allies. He would do his best to keep traders informed.

Second Reading of Patents Bill

After a debate in the House of Commons, on March 11, the Patents and Designs Bill, first introduced into the House of Lords, received a second reading and was committed to a Standing Committee.

Assistance in Further Education

SIR THOMAS MOORE asked the Minister of Labour on March 5 the number, in each educational category, of applications received to date for financial assistance under the Government Further Education and Training scheme; how many applications had been successful in each category; and what had been the commonest reasons for turning down applications. The Minister circulated in the official report a list of occupations, showing that 181 applications had been made with the profession of pharmacy in view; thirty-four awards had resulted; there were 904 applications in connexion with medicine, with 185 awards made; 196 applications with a view to a University degree in science, with forty-three awards made; 323 in connexion with chemistry and physics, with eighty-nine awards made; sixty-six in connexion with radiography, with nineteen awards made.

Supply of Fly-papers

MR. COLLINS asked the President of the Board of Trade if arrangements were now being made to ensure that there would be

an adequate supply of fly-papers available during the summer months. SIR STAFFORD CRIPPS replied that it was expected that the supply of fly-papers during the coming summer would not be less than the supply last year, and this should be adequate.

Babies' Soap Ration

Soap ration for babies was the subject of a question by MR. HURD on March 6. He asked the Minister of Food if he would extend the supplementary ration beyond the present period of twelve months in view of the fact that the babies were, in the second year of their lives, at the crawling stage, when their clothes needed washing more frequently. The reply given by MR. SUMMERSKILL stated that in view of the present shortage of fats, the Minister regretted he was unable to adopt the suggestion, which would involve an expenditure of between 3,000 and 4,000 additional tons of soap a year.

Clothing Coupons for Doctors

LIEUTENANT-COLONEL CORBETT asked the President of the Board of Trade if he would make a special issue of clothing coupon for doctors, who must equip themselves with white coats and their dispensers with white overalls. MR. BELCHER (Parliamentary Secretary to the Board of Trade) replied that no such concession could be made at present.

MR. MEDLAND asked the President of the Board of Trade if he would make the issue of surgical belts coupon-free. MR. BELCHER: All surgical belts less than 6 inches wide, which have certain attachments, are designed for use in certain post-operative conditions, are coupon-free. Other belts, which cannot be thus clearly defined, must in fairness be rationed because they can be worn in the place of under-garments.

Rubber Hot-Water Bottles

The President of the Board of Trade was asked by DR. S. TAYLOR, on March 8, whether he was aware that wholesalers were refusing to supply rubber hot-water bottles to retail pharmacists except on production of doctors' certificates. Dr. Taylor asked whether steps would be taken to overcome retail difficulties in this respect. The reply was that wholesalers were not authorised to refuse supplies to retailers, even if medical certificates were not provided.

TOPICAL REFLECTIONS

Discussion at Edinburgh

The discussion at a recent Edinburgh evening meeting (pp. 311-12) reached what might be called the Rutherford Hill standard, and formed a useful symposium on a subject of practical importance. Many of your readers must have wondered about the success of the pyrogenic matter found in injections after the usual precautions have been taken in distilling the water employed. We now have it on record, on excellent authority, that "when sodium chloride was added they (the experimenters) were probably adding the dead organisms, and they were certain that when dextrose was added this must be doing so." Professor Todd, Mr. Laurie, Mr. Milne, Mr. Mearns and those who took part in the discussion are to be congratulated. This was not the only point brought out in a well-sustained tournament of question and answer. Another member of the audience inquired about the apparently selective clouding of samples while in an autoclave, and received the provisional answer that it might be due to inequality of temperature or to differences in the caps of the bottles used. Again, the thickness of the asbestos filtration pads was shown to have an importance justifying further investigation. Finally (for my space is limited), the "heartening statement" that pyrogen-free distilled water can be prepared in a back shop or dispensary" was elicited. The subject was thus brought home to every pharmacist in business on the borders of the Border.

Afterglow of Alchemy

Thanks are due to Mr. Denis Duveen for rescuing from oblivion a quaint attempt to replicate alchemy in Germany (pp. 299-301). After reading the evidence we may dismiss Dr. Kortum and Baehrens with a caution; and as they leave the court we may reflect how hopelessly out of date in 1796 the venture was. The change in the mental climate of Europe associated with the Renaissance involved, among other things, the disappearance of alchemy. In course of time adherence to its tenets became at the best eccentricity, at the worst a fraud. When Galileo began publishing his results—the experiments with weights at Pisa are a good instance—he was setting in motion a force which alchemy, with its arbitrary assumptions, could not withstand. That force permeated our own country. Harvey (who, by the way, studied at Padua) was teaching his revolutionary theory of the circulation

of the blood by 1615. Bacon, though his connexion with science was that of an amateur, was a brilliant publicity agent for the scientific approach to phenomena. One example of his powerful advocacy may be quoted: "Our method is continually to dwell among things soberly . . . to establish for ever a true and legitimate union between the experimental and rational faculty. . . . Those, therefore, who determine not to conjecture and guess, but to find out and know . . . must consult only things themselves."

Science Dominant

The formation of the Royal Society by Boyle, Wren and those who had worked with them as members of the Invisible College during the middle years of the seventeenth century set the seal on the method advocated by Bacon. Here, at length, was a tribunal where the only valid evidence was that of experiment which could be checked. Alchemy stood a very poor chance there, and had to betake itself to any home for lost causes that it could find. The prestige soon obtained by the Society is evidenced by the fact that the first edition of Thomas Sprat's "History of the Royal Society" appeared in 1667, only four years after the grant of the first charter, and was followed by a second edition in 1702. To some extent Sprat's book was a declaration of policy. On an early page he told his readers that the members of the Society had "endeavour'd, to separate the knowledge of Nature from the colours of Rhetorick, the devices of Fancy, or the delightful deceit of Fables." In a passage often quoted, he referred to the solicitude of those taking part in the discussions about "the manner of their Discourse: which, unless they had been very watchful to keep in due temper, the whole spirit and vigour of their Design, had soon been eaten out by the luxury and redundancy of speech." Again: "They have therefore been most rigorous in putting into execution, the only Remedy that can be found for this extravagance; and that had been, a constant Resolution, to reject all the amplifications, digressions, and swellings of style: to return back to the primitive purity, and shortness, when men deliver'd so many things, almost in an equal number of words." (There is a further sentence to the same effect.) This pronouncement—which may still serve as a model save for the punctuation—marked a break with alchemy.

Xrayser.

COMPANY NEWS

QUEX PRODUCTS Co., LTD. (P.C.).—Capital £100. Manufacturing chemists, etc. George W. and George G. Stephenson, directors. R.O. : 12 Moor Road, Headingley, Leeds.

OTTERS (PERFUMERY), LTD. (P.C.).—Capital £1,000. Manufacturers of and dealers in perfumes, toilet preparations, etc. Harry Otter and Lewis Simmons, directors. R.O. : 5 Giltspur Street, London, E.C.1.

CLEVELAND PROCESSORS, LTD. (P.C.).—Capital £3,000. Manufacturers of and dealers in chemicals and chemical products, etc. R. D. and Lavinia V. Davis, directors. R.O. : 125 Clapham Road, London, S.W.9.

E. LEWIS EVANS, LTD. (P.C.).—Capital £500. To acquire the business formerly carried on by the late Evan L. Evans. Eleanor M. Evans, Peggy B. Blow, Gwenda M. Turner, Evanina L. Evans, and William Barrie, M.P.S., directors. R.O. : 2 Osnaburgh Street, London, N.W.1.

WHARFEDALE CHEMICAL MANUFACTURING Co., LTD. (P.C.).—Capital £10,000. Manufacturers of and dealers in industrial and other chemicals, pharmaceutical products, etc. Arthur W. Bentley and Ronald J. Blincow, directors. R.O. : 7-8 Poultry, London, E.C.2.

TAYLORS (HEMEL), LTD. (P.C.).—Capital £5,000. To acquire the business of a chemist carried on by Frederick A. Taylor, at 29 Moor End Parade, Lawn Lane, Hemel Hempstead, as "Taylor's Pharmacy." Frederick J. Taylor, Christina C. Taylor, and Frederick A. Taylor, M.P.S., directors. R.O. : 28 Hall Place, Spalding, Lincs.

THE ALLEN & HANBURYS Co., LTD., CANADA.—Mr. D. W. F. Macaulay, general manager, has been appointed managing director.

BORAX CONSOLIDATED, LTD.—A final dividend of 3 per cent. on the 6 per cent. preferred ordinary stock is announced. Deferred ordinary stock is being maintained at 7½ per cent., less tax.

WINDING-UP.—At a meeting of the Joint Council of Qualified Opticians, on February 28, it was resolved that the company be wound up voluntarily, Mr. F. W. Buzzacott, Copthall House, Copthall Avenue, London, E.C.2, being appointed liquidator. It was further resolved that all the property of the Council remaining after the winding-up should be transferred to the Association of

Optical Practitioners (incorporating Joint Council of Qualified Opticians and Institute of Ophthalmic Opticians), a body having objects similar to the objects of the Joint Council of Qualified Opticians. At a meeting of the Institute of Ophthalmic Opticians, on February 28, it was resolved that the Institute be wound up voluntarily, Mr. T. Burton Miller, 141 Fenchurch Street, London, E.C.3, being appointed liquidator. A resolution regarding the property of the Institute was passed, which had the same effect as in the case of the Joint Council of Qualified Opticians.

LEGAL REPORTS

Fines for Excessive Lighting.—At Clerkenwell, London, magistrate's court recently, Cleveland Court Pharmacy, Ltd., Baker Street, N.W.1, was fined £5 allowing lighting of a greater power than permitted to be used at a shop at Tottenham Court Road. A director (Samuel Press) was fined £7 and ordered to pay £3 3s. costs for permitting offence.

Pharmacy Act Fine.—At Southwark, London, magistrate's court, recently, Balham Drug Stores, Ltd., Hildreth Street, Balham, were summoned for selling Vegal containing codeine, in a container labelled with the name and address of the seller, and for selling it though not an authorised seller. Defending counsel said the business was a one-man company and the sale was effected by the proprietor's wife. The business had since been sold. The magistrate imposed a fine of 20s., with £1 1s. costs.

A Trade-mark in Palestine.—A decision recently given by the High Court in Palestine affects the trade mark Brylfix. Great Britain the word was registered in 1936 by the County Perfumery Co., Ltd., London, and an application was made by the company for its registration in Palestine in 1944. The following year the Zamir Perfumery Works, Tel-Aviv, lodged an objection, and applied on their own behalf for the registration of their own word Brylfix for an analogous article. The High Court's finding is that, as the County Perfumery Co., Ltd., could not prove actual use of the trade mark in Palestine, while Messrs. Zamir could adduce evidence that they had used the trade mark for nearly three years prior to their application, the decision must be in favour of the Palestinian firm.

BIRTH

WALKER.—At Strabane Hospital, co. Londone, on February 24, Maisie (née Graham), the wife of James A. Walker, M.S.N.I., The Bowling Green, Strabane, of son (Stuart Graham).

MARRIAGE

MONT-McCORKELL.—On March 5, M. M. MacIntosh Lamont, M.P.S., 80 Bales Street, Clydebank, to Sally McColl, Port Glasgow.

DEATHS

ATTENBURROW.—Recently, after a long illness, Mr. James Attenburrow, M.P.S., 11 High Street, Melton Mowbray, Leicestershire, aged eighty-seven. Mr. Attenburrow was the proprietor of a business founded many years ago by his father.

FINCH.—At University College Hospital, London, on February 28, Mr. Clifford Charles Finch, M.P.S., 12 St. Helens Street, Ipswich. Mr. Finch qualified in 1921.

WOOD.—At Heather Bank, Chislehurst, Kent, on March 11, Mr. Charles Hipwood, K.B.E., C.B., until recently director of the National Union of Manufacturers and formerly second secretary, Board of Trade.

LEACH.—At Macclesfield, Lancs, recently. Mr. Isaac Leach, founder of the business of Leach & Son, chemists, 34 Market Place, Macclesfield, aged ninety-three.

RICHARDSON.—On February 10, Mr. John Henry Richardson, M.P.S., 173 Roker Avenue, Sunderland, aged thirty-seven.

SEKMAN.—On February 27, Emeritus Professor Ralph Stockman, M.D., LL.D. (formerly Professor of Materia Medica and Therapeutics, Glasgow University, and until his death Privy Council visitor to the Pharmaceutical Society's examinations in Scotland), aged eighty-four.

TAYLOR.—Recently, Mr. Charles John Taylor, Ph.C., 292 Cheriton Road, Folkestone. Mr. Taylor qualified as a chemist and druggist in 1894 and passed the Pharmaceutical Chemist examination in the following year.

WHARMBY.—On March 9, Mr. W. F. Wharmby, M.P.S., 14 Watson Avenue, Mansfield, aged seventy-six. Mr. Wharmby was a director and superintendent of J. J. Wharmby & Sons, Ltd., chemists, 36 Wood Street, Mansfield, 1917-18, he was for fifteen years a member of the local

town council, retiring in 1921. He served terms of office as chairman of the Finance Committee, member of the Education Committee, and chairman of the panel of the Disablement Committee after the 1914-18 war. He was also vice-chairman of the Mansfield Building Society, and a prominent Freemason and Congregationalist.

C. & D. DISPENSING PRICE LIST

The following changes took place in February:

Cost		Due allowance has been made for purchase tax in both cost and dispensing prices	Dispensing price		
d.	per		4 oz.	1 oz.	1 dr.
			s. d.	s. d.	s. d.
38 lb.		Aloe Capensis pulvis	1 6	0 5	0 1
48 lb.		Ammon. bromidum	1 9	0 6	0 1
120 lb.		Buchu ..	4 3	1 2	0 2
48 lb.		Capsicum pulvis ..	1 9	0 6	0 1
70 oz.		Carbromalum ..	—	10 2	1 8
16 oz.		Chlorof. aconite, B.P.C. S.1 (5)	—	3 5	0 6
90 lb.		Cinnamomi pulvis opt. ..	3 3	0 11	0 2
48 lb.		Collodium flexile meth. ..	1 8	0 6	0 1
30 lb.		Emuls. olei morrhuae ..	1 2	0 4	—
26 lb.		Emuls. ol. morrh. c. hypophos. ..	1 2	0 4	—
80 lb.		Ext. cascarae sag. liquidum ..	3 0	0 10	0 2
238 lb.		Ext. ergot. liquidum S.1 (5)	8 6	2 6	0 4
34 oz.		Ext. fellis bovini pulv. ..	—	5 0	0 8
10 oz.		Ext. gentianæ ..	—	1 7	0 3
51 lb.		Glycyrrhizæ rad. decort. pulv. ..	1 10	0 6	0 1
49 lb.		Lin. aconite meth. S.1 (5)	1 9	0 6	0 1
16 oz.		Liq. opii sedativus, B.P.C. D.D.	—	2 4	0 4
40 lb.		Linct. diamorph. hyd., N.W.F. D.D.	1 9	0 6	0 1
25 lb.		Liq. picis carbonis	0 11	0 3	—
21 lb.		Mist. sennæ co. ..	0 10	0 3	—
81 oz.		Ol. geranii, E.I. ..	—	—	2 0
46 lb.		Potassii bromidum	1 8	0 6	0 1
22 lb.		Pulv. glycyrrhizæ co. opt. ..	1 0	0 3½	—
44 lb.		Sodii bromidum ..	1 7	0 6	0 1
38 lb.		Sodii et potass. tart. pulv. ..	1 5	0 5	0 1
11 oz.		Sulphanilamidum S.1. R only	—	1 8	0 3
66 lb.		Tr. cardamomi co. ..	2 4	0 8	0 2
56 lb.		Tr. cardamomi co., B.P. 1914 ..	2 1	0 7	0 1
84 lb.		Ulmii fulvæ cort. pulv. ..	3 0	0 10	0 2

TRADE NOTES

Medicinal Capsules.—Warrick Bros., Ltd., 6 Nile Street, London, N.1, offer capsules of cascara, cod-liver oil, halibut-liver oil, etc.

Hairpins.—Hairpins in pre-war wrappings are available from Keenedge, Ltd., 18 Waltham Avenue, London, N.W.9. The terms are given on another page.

Dusting Powder.—Leda dusting powder, a fine borated powder, attractively packed in sprinkler tins, is offered by Leda Chemicals, Ltd., Alpha Works, Archway Road, London, N.19.

Cosmetic Containers.—Sprinklers top tins lipstick holders, and boxes for talcum powders, bath salts and rouges, are available for immediate delivery from Beall, 38 Waterloo Street, Leicester.

Milk Food.—An invitation to write for particulars of Dorsella, which is described as "the world's finest milk food," are invited by the manufacturers, Prideaux Milk Foods, Ltd., Evercreech, Somerset.

Specialities Listed.—A list of proprietary preparations issued by Cuxson, Gerrard & Co., Ltd., Oldbury, nr. Birmingham, is given in the company's announcement which appears on another page of this week's issue.

Enema Syringes.—A range of enemas in four qualities is available under the brand name Certor from James Macdonald, Dawson Street, Greengate, Salford, 3, Lancs, who also offers double-proofed rubber sheeting.

Agencies in the Levant.—Emil Heinrich & Co., 6 Bank Misr Street, Cairo, Egypt invite communications in confidence from manufacturers in this country desiring agencies for their products in Egypt, Palestine and Lebanon.

Double-value Offer.—Jean Claude (Sales), 31 Theobald's Road, London, W.C.1, announce that each packet of Jean Claude soapless shampoo contains two separate sachets. Supplies of the company's talcum powder and lipstick are increasing.

General and Flower Fertilisers.—Liquinure liquid manure is available in two varieties—general and tomato, and flower special—in bottles, from the manufacturers, Liquinure Sales, 27 Burnt Oak Broadway, Edgware, Middlesex, or through wholesalers.

Ersatz Products Reviewed.—Under the title "Germany—Land of Substitutes," by Olaf Nissen, John Gifford, Ltd., 125 Charing

Cross Road, London, W.C.2, offer "amazing list of Nazi war-time inventions many of which have acquired permanent value."

Breath Deodorant.—Stannards, manufacturing chemists, Tadworth, Surrey, draw attention to their speciality, Sweet-breath, which, issued in an attractive pack, claimed to be a non-competitive yet really selling speciality. Terms are given elsewhere in this issue.

Modernised Pack.—Milton antiseptic ointment is now available in a new modernised pack in one size only from Milton Antiseptic, Ltd., 10-12 Brew Road, London, N.7. Show material available and details of trade terms given in the company's announcement on another page.

British Agar.—Paines & Byrne, L. Pabryn Laboratories, Bilton Road, Grefford, Middlesex, remind manufacturers that they are manufacturing agar from seaweed collected in this country, and that supplies are available for bacteriological purposes. In the near future it is anticipated that sufficient supplies will be available for all purposes.

Tribute to Sir William Glyn-Jones.—Fortieth in the "Science and Pharmacy" series of announcements by Burgoyne, Burdidges & Co., Ltd., London, E.6 devoted to a biographical note on Sir William Glyn-Jones, founder of the International Articles Trade Association. An article on the jubilee of the foundation of the P.A.T.A. appears on pp. 332-340.

Penicillin Exhibit.—Applications are invited from pharmaceutical associations, colleges and similar bodies for the loan of an exhibit depicting aspects of the manufacture of penicillin. A limited number of units is available for short periods from Wellcome Foundation, Ltd., 12 Red Lion Square, London, W.C.1. The exhibit includes specimens of the raw material used, flasks containing *Penicillium* cultures showing different stages of extraction and purification, assay plates demonstrating the Oxford cup-plate technique, and specimens of finished packings. Certain sections of the manufacturing plant are illustrated by photographs. The average size of the exhibit is 30 in. by 33 in. by 11 in. Applications should state the nature and voltage of the electric supply.

Channel Islands Anti-beetle Campaign.—

The States' Department of Agriculture of the Channel Islands, confronted with a vital threat to the island's economy from the presence on the island of the Colorado beetle, which prevents export of potatoes to England, has called in Plant Protection, Ltd., to spray the whole of the island's crop. Fifteen thousand acres are under potatoes in Jersey, and the difficulty is that the potato plants are much smaller than the average in the country. In six weeks all early potatoes must be sprayed twice and "lates" require three or more applications. Senior technical officers of the company have been placed in charge of each of six sectors into which the island has been divided. Specially built spraying-machines and a fleet of tractors are standing by. In May and June, when spraying reaches its height, a total labour force of 250 will be engaged.

Proprietary Articles Trade Association

Additions to Protected List—*Allied Laboratories, Ltd.*, Restamon lozenges, 12s. doz., tax 2s. doz., inclusive retail price, 1s. 9d.; Scotil tablets, 34s. doz., tax 5s. 8d. doz., i.r. 4s. 9d.

Medicinal Products, Ltd., Menopax, new size of twenty-five tablets, 22s. 6d. doz., tax 3s. 9d. i.r.p. 2s. 10d.; Menopax antipruritic cream, 4s. 4d., 39s. doz., tax 6s. 6d. doz., i.r. 4s. 10d.

Pharmaceutical Laboratories, Ltd., Suleo (DDT) hair lotion, 14s. doz., tax 2s. 4d. doz., i.r.p. 2s.

Roberts & Co., Robuval, 31s. 6d. doz., tax 5s. 10d., i.r.p. 3s. 11d.

Worthing Prescription Service, Ltd., White Lin, 12s. doz., tax 2s. doz., i.r.p. 1s. 6d.; 22s. 6d. doz., tax 3s. 9d. doz., i.r.p. 2s. 10d.; Bl Lions, 15s. 9d. doz., tax 2s. 7½d. doz., i.r.p. 11½d.; 22s. 6d. doz., tax 3s. 9d. doz., i.r.p. 2s. doz.; Neverill Old Salts, 10s. 6d. doz., tax 1s. 6d., i.r.p. 1s. 4d.

Urillac Co., Ltd., Urillac tablets, 26s. doz., tax 4s. 4d. doz., i.r.p. 3s. 4d.

Medications—Allied Laboratories, Ltd., Melosan granules, 4-oz., 24s. doz., tax 4s. doz., i.r.p. 3s. 1d.; 16-oz., 69s. doz., tax 11s. 6d. doz., i.r.p. 9s. 6d.

Colloids, Ltd., SD2 No. 3 cream, 36s. doz., tax 6s. doz., i.r.p. 5s.

More Medicinal Products, Ltd., Moneeda fruit cubes, eighteen cubes, 18s. doz., tax 3s. doz., i.r.p. 2s. 6d. Packs of three and two cubes withdrawn.

Pinol, Ltd., Proctor's Pinelyptus pastilles, smallest size in plastic boxes, 8s. doz., tax 1s. 4d. doz., i.r.p. 1s.

Pharmaceutical Specialities (May & Baker), Ltd., M. & B. 693 powder, 25-gm., 4s. 6d., 36s. doz.; 15-gm., 3s. 9d., 30s. doz. (exempt from tax).

BUSINESS CHANGES

STANNING PROPRIETARIES, LTD., have removed to 32 St. James's Street, London, S.W.1. Telephone: Abbey 3029.

R. W. GREEFF & Co., LTD., are removing to 12 Finsbury Circus, London, E.C.2, on March 18. Telephone: London Wall 5241.

LEACH & SON, chemists, Market Place, Macclesfield, Cheshire, have acquired adjoining premises to permit extensions to be made to their dispensing department.

MR. L. THOMPSON, M.P.S., has recently acquired the drug store at 422 Longmoor Lane, Fazakerley, Liverpool, previously owned by Mr. W. N. Allison, F.C.S.

MR. W. R. HIGSON, M.P.S., Blackpool, has acquired the business at 50 Poole Road, Westbourne, Bournemouth, formerly owned by Mr. Gilbert T. Espley, M.P.S.

MRS. ELIZABETH H. VAIR, M.P.S., after returning with her husband from Kenya, has purchased the business at 119 Abbotsbury Road, Westham, Weymouth, formerly owned by W. & F. Pestell, Ltd.

MAJOR GILBERT NIXON, M.C., M.P.S., has rejoined the staff of Ayrtton, Saunders & Co., Ltd., manufacturing chemists, Hanover Street, Liverpool, 1, after serving with H.M. Forces in Africa, Egypt and Burma as Brigade-Major.

MR. F. HOWARD-TAYLOR is shortly commencing business on his own account as a manufacturing chemist. Inquiries should be addressed to High Trees House, Nightingale Lane, London, S.W.12 [corrected note.]

MR. A. McDONALD EDMONDS, M.P.S., is taking up the post next month of Pharmacist to the Health Department, Government of Northern Rhodesia.

JOHNSON & JOHNSON (GREAT BRITAIN), LTD., manufacturers of surgical dressings, have almost completed negotiations for acquiring factory space at a former Royal Ordnance factory at Marchwiell, nr. Wrexham, Denbighshire. It is understood that this factory will be used to develop production for export.

THE CROOKES LABORATORIES (BRITISH COLLOIDS, LTD.) announce the opening of west-end premises at 104-12 Marylebone Lane, London, W.1. (Telephone: Welbeck 3738). At present only hand orders for emergency requirements are dealt with, but in the near future a more comprehensive service will be developed for wholesalers and retail chemists.

'TRIAD' CHERRY *Flavoured* **MALT & OIL**

GOLD CURE CAPSULES

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28 Essex Street, London, W.C.2

INFORMATION WANTED

Information with respect to suppliers of following items would be appreciated.

Hoeper's perchloride of carbon
A. J. Sir's Products, Ltd.
Brochure toilet preparations
Saltern calcium tablets
Anderson's tooth powder No. 11

Sacchine table

THE CHEMIST AND DRUGGIST

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Official organ of The Pharmaceutical Society of Great Britain, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire

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The P.A.T.A. Jubilee

The fiftieth anniversary of the founding of the Proprietary Articles Trade Association is an occasion deserving of special mention and celebration. Older readers of THE CHEMIST AND DRUGGIST will be familiar with the good work that has been done on price-maintenance during the past half century, but it may be that the general body of pharmacists is not fully aware of the cut-throat competition with which retail chemists had to contend fifty years ago. The following comments, taken from the C.D. published at the time of the first meeting of the P.A.T.A., throw some light upon conditions in the nineties: "To fit up and stock a shop, provide polite assistance and place all at the service of the public at an average profit of, say, $\frac{1}{4}$ d. per transaction, is a game which is hardly worth the candle." The authoritative account in the present issue of the creation and progress of the P.A.T.A., by Mr. William Johnston, former assistant secretary, and Mr. E. Chapman, the present secretary, will be read with interest and appreciation by all sections of the trade, long happily united in the policy of co-operation to secure a fair deal for all.

A Trade Benefactor

Mr. Johnston's account of his own early attempt to combat the menace of price-cutting serves to emphasise the difficulties and opposition throughout the trade

overcome by the founder of the P.A.T.A. Progress against apathy can be achieved only by the spirit of a crusader, an attribute possessed in abundance by William Samuel Glyn-Jones. Fifty years ago price-cutting of proprietary articles was rampant in the drug trade. Patent medicines were sold at cost prices or a little over, the trade was thoroughly demoralised and substitution was rife. Into this morass of unprofitable business stepped Glyn-Jones, a young chemist owning at that time a small pharmacy in the East End of London. There and in the living-rooms above the solution of the anti-cutting problem was worked out. It may be truly said that William Samuel Glyn-Jones spent the whole of his career working for the benefit of the craft. He is remembered with gratitude on this occasion not only for his work in founding the Proprietary Articles Trade Association, but for his untiring zeal in many other directions.

The P.A.T.A. Today

Mr. Chapman, in his contribution, brings the story of the P.A.T.A. up-to-date. The second twenty-five years, while perhaps less spectacular than the earlier period, is no less important in the development of the Association. Price-cutting today is an evil to be prevented rather than cured. The essence of the P.A.T.A.'s original aims, as laid down by the founder and still its guiding principle, is the combination of manufacturers, wholesalers and retailers in one body whose business it is to protect the mutual interests of the three sections. At the present time nearly 400 proprietary manufacturers, controlling some 3,000 separate articles, are members of the organisation, with the result that there exists throughout the country a uniform system of prices to which fair profit rates are attached, and because of it the individual chemist knows that the price he charges for his goods will not be "cut" by his competitors. For this highly satisfactory state of affairs, brought about solely by the Proprietary Articles Trade Association, and guarded by that organisation with unceasing vigilance, every retail chemist and all other sections of the drug trade may be grateful and appreciative.

Fifty Years of Price Protection

Jubilee of the P.A.T.A.

I. THE FIRST TWENTY-FIVE YEARS

by William Johnston (former Assistant Secretary)

FEW pharmacists still alive thought, when "Baby P.A.T.A." was born into a "wicked," price-cutting world, that this happy fiftieth birthday anniversary would ever roll round. Fortunately, it has. In that note of gratitude all sections of the trade may fitly join, for the adult P.A.T.A. must have put into their tills millions of pounds which must otherwise have gone to waste, during the half-century now ended.

Cutting Begins

As a sort of foreword to describe conditions let me recall apprentice days in the early eighteen-seventies. All the advertised proprietaries sold by chemists were retailed at the advertised prices. A small size cost 10s. 6d. a dozen, with a discount on £20 lots, and sold at 1s. 1½d. Holloway's Pills and Ointment were probably the biggest sellers in those days, and I have heard my old "governor" (John Reid, Provost of Montrose) say that "when he invested £20 in Holloway's, he knew he would pay his shop rent out of it." In 1878 I went to Sheffield to live and found that the cutting was just beginning there. One of the large grocers made a big push of his business by advertising 1s. 1½d. articles at 10½d., with results that were soon very painful to orthodox vendors. Some of the pharmacists had to follow in the grocer's footsteps—cursing his shoe-leather all the way—and it soon became apparent that this example, and that of the big London stores, would spread all over the land—and it did. The price-slashing became terrible. For instance, one line that cost 1s. 10d. in £1,000 lots was retailed, as "a sprat to catch a

TO BE PRESIDENT OF THE P.A.T.A. in this its Jubilee Year is an honour of which I am fully sensible. From my long experience in retail business I know what the P.A.T.A. means, in the matter of stabilised prices and fair profits, to the pharmacist. I trust the system which Glyn-Jones initiated fifty years ago will long continue to operate to the benefit of the three sections of the Association—retailers, wholesalers and manufacturers. On behalf of my Council, I thank THE CHEMIST AND DRUGGIST for making the Jubilee of the P.A.T.A. the main feature of this issue.

London, S.W.17 Ernest Skues

mackerel," at 1s. 10½d. It was very for the public but ruinous to the banks' accounts of the much-tried chemist. From time to time and step by step efforts were made to end abuse—efforts which were eventually to result in the P.A.T.A.

Pioneers of Anti-cutting

One introducer of a new medicine (I forget his name) advertised the trade that he would not allow any cutting. About the same time Mr. Elliman, of Sloane, made it known that he did not let his 1s. 1½d. Liniment be sold at less than 1s. This was shortly before 1896 and then first came and then another came into the market on similar lines. Hall's Wine (as it was called) was one; Garratt's "Frog in the Throat?" and "Condal Water" were others. As far as I know, the two last are no longer in existence, but I am open to correction on that. At that period the owners or agents were very zealous anti-cutters, and they were. Mr. Glyn-Jones much help in getting to grips with the evil he started to fight in 1896. A year or two previous to that I had had to try to get together an association of anti-cutters. But at that time neither proprietors nor wholesalers would take part in the proposal, and I dropped it. However, it paved the way a little for a big effort, and it was reserved for a man with more brains, enterprise, ingenuity, dash, and capacity than I to take risks to "cut the Gordian knot." He was William Samuel Glyn-Jones—a humble but very brave young chemist in business in the East End of London, whom I gradually grew to regard as a brother.

First Secretary
 From his conversations and business experiences with Garratt and other pioneers already mentioned, as well as from his own feeling, he became convinced that there was a future for the protection of prices of "patent medicines," toilet articles, etc., not only by chemists, and he set himself to secure the help of the proprietors of, and wholesale dealers in, such goods. Luckily, he did not know of my previous failure—until after he had actually started—and gradually he won his way. For a measure of his force of character he had a wonderful charm of manner and cheeriness of language, but he soon found that, "to get his message over" to those he wanted to convert, he must have some means of direct communication with them. Greatly daring, he started the "Anti-cutting Record."

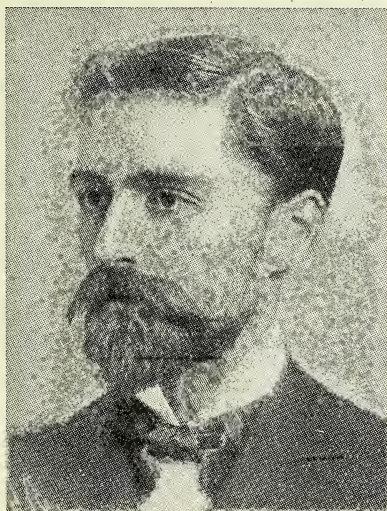
"Anti-Cutting Record"

He must have needed much courage for a young man with a wife and infant son and the imperative demands of a full business on his hands to enter on a trying job like the publication of the "Anti-cutting Record," but I shall always think it one of his best "brain-walks." From my own experience, before and after 1896, I do not think he could have succeeded without it. As its *de facto* editor for many years, I always felt sorry the P.A.T.A. gave it up—some years after my retirement. G.J. (as he was affectionately called) depended on advertisements to cover his outlay on the "Record," and some of his friends at first called him "mad" for considering such a burden. After many years, the Council took it off his shoulders. It was posted free, monthly, to 10,100 retail chemists in business on their own account; and also to a large number of proprietors and wholesalers. With the first issue Mr. Glyn-Jones called the first meeting. That was held on January 29, 1896, at Anderton's Hotel, Fleet Street, London. There was a large attendance of retail chemists and a considerable number of

proprietors, agents and wholesalers. After a long discussion it was resolved to form an Anti-cutting Association with an *ad hoc* constitution and a very big name. It was called "The Association of Manufacturers, Wholesalers and Retailers of Proprietary Articles." There was a bit more (I forget what) in the title, but anyhow it was soon found to be too cumbersome and was abbreviated to the name it has borne ever since—usually further shortened to P.A.T.A.

The P.A.T.A.

To help the new league on its way Mr. J. Elliman, of Slough, generously presented £100 to it. Partly by way of saying "Thank you," and chiefly as he seemed the right man, the Council made him their first chairman. Unfortunately he did not retain the honour long. At the next meeting of Council it was resolved that makers be encouraged to put their articles on the Protected List at full face value but that they be not refused if they were to cost 10s. a dozen (or less) and sell retail at 1s., as in the case of the chairman's Lini-ment. To this he would not agree, and he promptly resigned, a decision we all regretted. Mr. Elliman, however, did not take



The late Sir William Glyn-Jones

back his cheque. I cannot quite remember if he took his Embrocation off the P.A.T.A. List, but if he did his firm has since restored it. It is there now at 1s. 3d., etc. The Council was naturally very reluctant to refuse the request of such a good friend, but they felt they must be loyal to their retail members, whose interests came first.

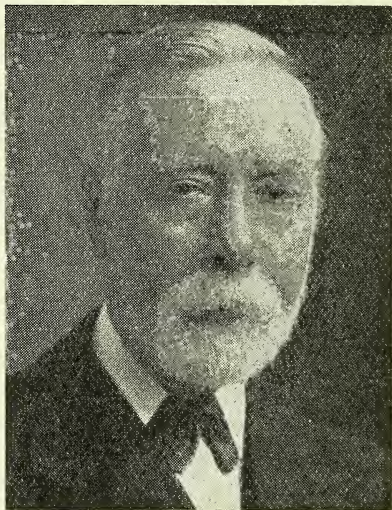
We were very grateful to Mr. Elliman, for money was hard to come by. I say "we" as I was a member of Council in those days. Many friends gave donations to the funds in addition to the subscriptions, but it soon became evident that systematic collection would have to be resorted to—even though our expenses were not heavy at first. We had taken from the printers who did the "Anti-cutting Record"

what I might call "one room and a cupboard" in their London office in Stonecutter Street, Farringdon Street, and a large staff was not yet needed. For a few years two clerks and a canvasser sufficed.

Canvassing Experiences

At the first Council meeting Mr. Glyn-Jones was appointed official secretary, and after a few more monthly meetings I resigned from the Council on being appointed assistant secretary and official canvasser. In that capacity during the next four years I had the pleasure of visiting nearly all the chemists in the United Kingdom—which included Eire in those days. As a preliminary I had to place my little business in Brixton in the care of a manager, with the result that had been feared. After a year or two I sold it at a substantial loss. Incidentally, Mr. Glyn-Jones did the same with his shop—at a heavy loss. The Association could afford only a small salary, so it was often difficult to make both ends meet, but my heart was in the work and I kept hard at it for nearly four years. This seems the right spot for me to say that though the P.A.T.A. paid me a very small salary, they have provided me with an adequate pension since retiring. For this I am grateful to the Council and members. Canvassing, I found to be, like matrimony and "Yorkshire Relish," "an agreeable mixture of sweets and bitters"! It has to be engaged in both storm and sunshine alternately, all the year round, the "sweets and bitters" being distributed proportionately. Candidly, I think the pleasant side dominated, because I was mostly successful in visiting fresh ground. It was rarely I got any other than a gentlemanly reception—even when no more tangible results were forthcoming. If I would not be accused of self-conceit I think I could suggest some of the reasons for this. The time was dead ripe for introducing this form of compulsory business etiquette, and when a tall, civil man entered the shop and presented a card

bearing "Pharmaceutical Chemist, Assistant Secretary of the Proprietary Articles Trade Association," in most cases it gained respectful attention. A musical voice and a not-too-bad "address" were additional useful assets in pleading for a good cause—especially when the chemist had already studied the subject a bit through the "Record," through meetings, or through conversations with friends. I was careful not to interrupt talks with customers and not to infringe "the rule of the road" by "barging in" when other travellers were "in possession" of the chemist's ear. When Mr. Glyn-Jones became



Mr. William Johnston

an M.P. I was so, for some things, taken off the road, tied to a desk, but could not then, at that time, without technical assistance, to carry out all the P.A.T.A. work or any of the Chemists' Defence Association or Drug Trade Appeal work. I was appointed secretary of the two named. Of course, when he was appointed to the secretary of the Pharmaceutical Society it was still possible for him to be the P.A.T.A. So it was to the assistant secretary to see that the wheels still went round whilst it became and less possible for that individual

to do any more canvassing. We were very fortunate, round about that time, to secure the services of a cheery and very capable gentleman whom many readers will remember—Mr. E. McMillen. He travelled with us and fought for us successfully for a good many years till his retirement not very long ago. We had "Twa Macs" (as they were called) on the road for a while. The second (D. P. Macdonald) had been with the P.A.T.A. as a clerk almost from its start and was also a capable man.

Enthusiastic Meetings

In the rise and progress of the P.A.T.A. one of the chief causes of success was a series of meetings which Glyn-Jones and his enthusiastic adherents held in the large cities. He was a fluent and attract

speaker, and could always, after he became known, be sure of a good audience. He was a great deal away from home during the early years, and both his wife and mine sorely tried women who deserve the gratitude of those who have profited so much by their husbands' work and their own self-denial. In connexion with these local gatherings there are hundreds of names I would like to recall, but it is obvious that two or three must suffice—the one which stand out on memory's pages was of special clearness. Mr. S. N. Pickard, of Gosport, was one of the first provincial pharmacists to take a lead. He helped with the first local meetings, became a member of the Council, remained a member for about forty-eight years, and put in an untold amount of diligence on behalf of the Association until the time of his sudden death about two years ago. His brother members will not soon forget his cheery Yorkshire voice, practical business ways and sterling character.

Early Supporters

Mr. P. F. Rowsell, of Exeter (fortunately still with us and marvellously active and capable), was another of Glyn-Jones's early henchmen who has done, and is still doing, yeoman service. Another of the very first supporters was Mr. Albert Cooper, of Kensington. We were specially pleased to have Cooper's adhesion. Some of the "ultra-West-Endy" friends twitted him about it, asking him how he, a high-class dispensing chemist, should "soil his hands" with propping up "patents," but he cared little for their sneers and went on with the good work that was so necessary alike for the *élite* and rank and file. Mr. Keith, of Poplar—sturdy Aberdonian—was a good friend, and George Barclay, treasurer for so many years. Old Charles Sayer, with his long white beard, was another who did a fine job of work for the P.A.T.A. He gained the bitter opposition and had of some of the big stores by protecting his Scott's Pills and seeing that his wishes were carried out. That is a chapter in the history of the P.A.T.A. which ended long ago.

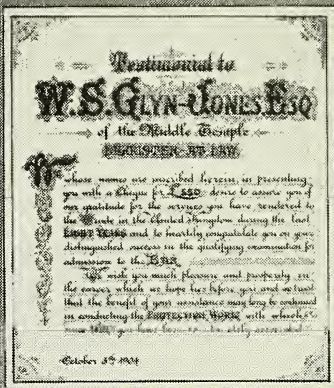
Further Personalities

At the end of ten or twenty years much of the opposition had died down, and many who had opposed were glad to book their profit. Mr. Beetham, of Cheltenham, was also a "bonnie fechter" for the P.A.T.A., and it is impossible to value his help too highly. He went to endless

trouble and expense to obviate the cutting. In addition to the wholesalers already mentioned one remembers gratefully several others who were busy P.A.T.A. workers from the start, e.g., debonair Mr. Tebbutt of Suttons, Mr. Roberts, of May, Roberts, Mr. H. Gadd, of Exeter, Mr. Lane, of Woolley, of Manchester; whilst amongst later arrivals was that glutton for work, Mr. F. J. Smith, of Sangers—"still going strong" on the Council. Liverpool and York were always well represented on the Council. Messrs. McCabe, Thomson and Saunders were in this category—and others I would like to mention. Amongst old friends in the manufacturing group one recalls with pleasure the names of such early members as Ridout, of Grossmith, Kenningham, of Condy, Godber of Newton, Chambers, and many more who were all frequent visitors at our office and committee rooms, and one is never likely to forget such names as Bunker, Jonah Milner; John Keall, and hundreds of others amongst retailers. Some of them, now "within the veil," seem to rise in front of me as I write, and say: "Johnston, your hand". What a pleasure it would be to me to go through the long story of these friendships, step by step!

The Association's Officials

As already stated, Mr. Glyn-Jones was the Association's first secretary. When I retired his son Hildreth was appointed assistant secretary in my place. He aspired to climb to greater heights, however, and in a few years he joined the Bar and began to practise successfully in the Courts as a barrister. He resigned two years later and Mr. H. E. Chapman (formerly on the staff of the "Pharmaceutical Journal") was appointed in his place by the P.A.T.A. Council. He has occupied that position with great credit ever since. For a time Mr. Kenningham (above mentioned) acted as organising secretary until his lamented death. In passing, it may be remarked that Mr. Hildreth Glyn-Jones became a K.C. and, subsequently, Recorder of Cardiff—an appointment which he at present holds. Sir William's other son, John, holds an important post under the B.B.C.; one of his daughters is a medical practitioner, and the other an inspector under the Government. Sir William was created a Knight for the assistance he gave to Mr. Lloyd George as a member of Parliament in framing and passing the National Health Insurance Act and for his war-time services.



Eight years after founding the P.A.T.A., Mr. (later Sir) W. S. Glyn-Jones qualified for the Bar and was given a testimonial and cheque by admirers and friends.

The Protection of Patent Medicine Prices.

A SUGGESTION.

Mr., Chemist.

DEAR SIR,

In *The Chemist and Druggist*, during the last two months, you may have noticed that a correspondence (in which I have been taking a part, under a *nom de plume*) has been going on, relative to the above subject; but in case you have not, I will repeat the chief points of it for your information, and with a view to asking your opinion on the matter.

About five months ago, I noticed in the above-named Journal that a few of the large Patent Medicine Proprietors had held a meeting to consider the advisability of adopting some system of compulsory prices like that enforced by Messrs. Powell & Co. in their *Medicine and Surgery*.

From the start, the P.A.T.A. carried on propaganda to chemists to secure support for its policy of protected prices. The opening paragraphs of one of the earliest leaflets are reproduced above.

The Proprietary Articles Trade Association.

LIST OF PROTECTED ARTICLES

Size or Advertised Price.	Name of Article.	Price
1/24 2/9	Barclay's—Dr. Bateman's Drops ...	1/ 9
1/24 2/9	Beetham's Anodyne Lotion... ..	1/ 9
2/6 4/6	" Capillary Fluid and Hair " Grower	2/ 9
1/14 2/9	" Corn Plaster	1/ 9
3/-	" Glycerine and Cucumber " Indel. Extract	10d.
1/14	" Soft Corn Cure	1/ 9
2/9 4/6	Conal Water	2/ 9
1/6	Davis's Caloric	1/ 9
1/14 2/9	" Shields	2/ 9
2/- 2/9	Dacey's—Dr. Bateman's Drops ...	1/ 9
1/14 2/9	" Daffy's Elixir	1/ 9
7d.	Dredge's Heal-All	1/ 9
1/ 2/- 5/- 10/-	Frog in your Throat	1/ 9
3/6 2/-	Gell's Foot Rot Ointment	1/ 9
1/3 2/-	Hall's Coca Wine	1/ 9
1/14 2/9	Invalid Borell	1/ 9
1/14 2/9	Mrs. Johnson's American Soothing " Syrup	1/ 9
1/14 2/9	Lambert's Balsam	1/ 9
1/14 2/9 4/6	Lascelles' Pills	1/ 9
3/6 2/3	Liebig's Extract of Meat and Malt Wine (Keystone Brand)	3/ 6
2/3 4/-	Moller's New Hydroxyl-free Cod- liver Oil	1/ 9
1/- 1/9 3/3	Peptarnis (Liebig Co.'s Peptone of Beef)	1/ 9
1/14 2/3 4/6 11/-	Powell's Balsam of Aniseed... ..	1/ 9
1/14 2/3	" Mild Aperient Pills	1/ 9
1/14 2/9	Dr. Scott's Bilious and Liver Pills...	1/ 9
1/14 1/6 2/9	Smedley's Chilliie Paste	1/ 9
1/- 2/6	Zox	1/ 9
2d.	" Loose	2d.
1/14	" Plasters	1/ 9
1/14 2/- 3/6	" Tonic	1/ 9

On and after July 15th, the Proprietors of the above will not permit them to be supplied to firms who retail of them below the above prices. Full particulars are given current number of the "Anti-Cutting Record," to be obtained from the P.A.T.A., 2 Stonecutter Street, London, E.C.

Proprietary Articles are invited to join the Association, to be sent to the Secretary, as above.

17, Lion Plinters, Leadenhall Buildings, London, E.C.

The first list of price-protected articles ever published by P.A.T.A., shown above, is contrasted with the Association's current Protected List a Year Book (right). The original list contained thirty or items, representing twenty makers. In the Year Book today there are 136 pages of entries and advertisements. The manufacturers concerned today number 360 wholesalers 55.

Anti-Cutting Record

YEARS OF THE P.A.T.A. REFLECTED IN ITS ARCHIVES

RAIL MEMBERS
OF THE
Articles Trade Association
assist the movement, by
ARTING, WHERE POSSIBLE,
THE
MANUFACTURING AND WHOLESALE FIRMS
WHO ARE
Members of the Association.

etail Member of the Association is entitled
to insert an advertisement in any or each
issue of the *Anti-Cutting Record*, under the
headings "Assistants or Situations Wanted," and
"Articles for Sale." Non-members of the
Association also the same privileges on paying an
annual subscription of 2/6.

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PORTFOLIO CAN BE SUPPLIED FOR KEEPING THIS JOURNAL FOR REFERENCE.

**PAY YOUR RENT WITH
"FROG IN YOUR THROAT?"**

THE Anti-Cutting Record

A MONTHLY JOURNAL published in the interests of Retail Pharmacists, Wholesale Patent
Medicine Dealers, and of the Proprietors who ensure a fair profit to the Vendors of their Articles.
A copy of each issue is sent post free to every Chemist in business in the United Kingdom.

Vol. 1, No. 1

NOVEMBER, 1895.

No. 1.



"FROG IN YOUR THROAT?"

WINDOW DISPLAY COMPETITION

£220 IN PRIZES.

Biggest ever offered on earth. Nearest previous, ours in America
last season for \$1,000 and *Tu-Bis* for £100. This latter
was open to all trades here—possible competitors, hundreds of
thousands. Above, with more than double *Tu-Bis* Prize
Money, limited to Drug Trade, with only eight to nine thousand
possible competitors. Get to know about it.

About Cutting.

"FROG IN YOUR THROAT!" is the only Proprietary Medicine
selling in the British Isles at absolutely full prices. We give you 50 per
cent. on the money that you put into our Goods, and we see that you
get it.

FOR FULL PARTICULARS READ THE PAMPHLET—

"Business Building and Money Making for Chemists."

FREE COPY TO ALL CHEMISTS FROM

J. E. GARRATT, 10, SILVER ST. LONDON, W.C.

SOLE AGENTS FOR THE NORTH AMERICAN TRADE

HANCE BROTHERS & WHITE, PHILADELPHIA, PA., U.S.A.

The first number of a monthly journal, the "Anti-Cutting Record,"
appeared in November 1895. Its title-page is reproduced above.
The "Record" ran to sixteen pages. Among the original advertisers
were Barclay & Sons, Ltd., Sutton & Co., John Santer & Sons, James
Townsend and Mellin's Emulsion Co., Ltd. (Mellin's food). Appeals
to retail members to support the manufacturing and wholesale
members appeared in most issues. An example is given (above, at left).

2. THE SECOND TWENTY-FIVE YEARS

by H. E. Chapman (Secretary of the P.A.T.A.)

OUR old friend, William Johnston, has covered admirably and in his own happy style the history of the first twenty-five years of the P.A.T.A. His story, both in matter and composition, is a fine tribute to the alertness and vitality of the man who laid down the burden of P.A.T.A. and C.D.A. work twenty-five years ago, and is able at the age of eighty-six to celebrate the silver jubilee of his own retirement. My own service with the P.A.T.A. covers, approximately, the second half of the story, in its own way perhaps as interesting as the formative and consolidating period of 1896-1921.

At the end of 1918 Sir William Glyn-Jones retired from Parliament and became secretary of the Pharmaceutical Society as well as of the P.A.T.A. When, in 1922, his son Hildreth, then assistant secretary, decided to make the Bar his career (how well he has succeeded in this sphere Mr. Johnston has recorded), I was recommended by Sir William to the P.A.T.A. Council as his successor. The president that year was Mr. P. F. Rowsell, and I well remember him asking whether I was prepared, if appointed, to make the P.A.T.A. my life work. It seems to have become so, and I find no cause to regret that I said "yes" to his question.

The Post-war Period

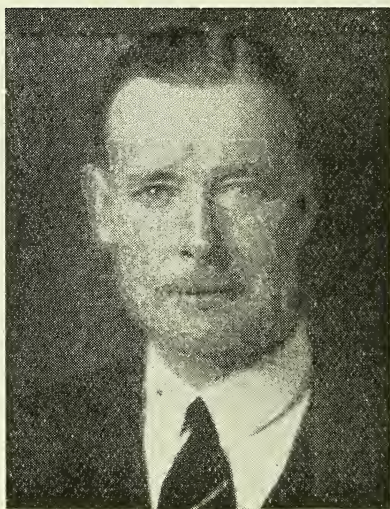
The war years, 1914-18, had been for the P.A.T.A. a comparatively quiet period. Price-cutting was practically non-existent, and although manufacturers, wholesalers and retailers had their difficulties in regard to supplies, materials, containers, and ever-fluctuating costs, these difficulties were not comparable with those prevailing throughout the recent long years of endurance and the uneasy post-war phase through which

we are now passing. Membership in the manufacturers' section, which had declined progressively after the war, revived progressively after the war, and many important manufacturers who had hitherto been outside the Association came into the fold.

About that time the campaign on behalf of "Face Value" (i.e. price-protected at its advertised price) was brought to a successful conclusion and

the Committee responsible for conducting it was merged into a propaganda Committee which did much work in securing distributors more remunerative discounts on many proprietary articles and in inducing the manufacturers to place their products on the Protected List.

Price-cutting within the drug trade proper had long been eliminated, but assumptions of disproportionate proportions among non-chemist retailers in the period which started with the silver jubilee of the P.A.T.A. The year 1921 was characterised by a slump in values and in



Mr. H. E. Chapman

volume of trade and by a slump of noticeable severity—factors which contributed to the marked increase in the price-cutting of proprietary articles which ensued. P.A.T.A. tackled the problem with energy and ingenuity and, at the cost of heavy expenditure, ways and means of keeping the evil within manageable proportions were found. Later on a mandate to act effectively with the position was given to the P.A.T.A. Council by the Conference of 150 delegates from local associations which met in London in the summer of 1932. This was probably the largest and most influential gathering of the kind connected with P.A.T.A. held since its formation. A resolution assuring the Council of full support from retail members for whatever it found necessary to take, including

val from the P.A.T.A. list of articles could not be effectively protected, was unanimously. In due course several known proprietaries which could not adequately "protected" were removed from the P.A.T.A. List. Other manufacturers, at considerable expense and trouble themselves, had put into force coding systems designed to identify the prices' sources of supply and a special investigation and tracing" department of the P.A.T.A. was built up. If the full of this "C.I.D." were told it would, I think, make interesting reading.

Restraint of Trade

The price-maintenance system, of which the P.A.T.A. is an outstanding and most successful example, has always had its enemies. It has also been the subject of official inquiries and reports. In 1919 a committee of the Central Profiteering Committee was appointed and, on the subject of the fixing of retail prices as between manufacturers, wholesalers and retailers, reported that the system worked to the advantage of the public—by preventing inflated prices in times of scarcity, ensuring to all classes a fair rate of remuneration in times of plenty and in all conditions tending to prevent speculative dealing by the middleman. Between 1919 and 1929 representatives of the co-operative movement made repeated and sometimes violent attacks on the P.A.T.A., particularly so during the general election of 1929. Following the formation in that year of the Labour Government a Restraint of Trade Committee was appointed by the Lord Chancellor and the President of the Board of Trade to inquire into and report on the "restrictive practices" of which complaint had been made. The present Master of the Rolls (Lord Greene) was chairman. The P.A.T.A. submitted to the Committee evidence, oral and documentary, designed to show not only that the Association had placed the distribution of proprietary articles on a fair and economic level, but also that its system had much improved labour and wage conditions in all sections of the trade and that it was not detrimental to the public interest. The appointment of the Committee of Inquiry caused the maintenance organisations operating in various trades (and it was surprising to find how many there were) to get together for consultation, and a federation of these organisations called "The Fair Trading Congress" was formed, of which I was at the time president. At a later date the

Congress did some very useful work in eliminating or minimising practices regarded as detrimental to the principles of fair trading. The Restraint of Trade Committee reported *inter alia* that although they did not regard the price-maintenance system as free from disadvantages from the public point of view they were not satisfied that if a change in the law were made there was any reason to think that the interests of the public would be better served. The Committee's Report was regarded as a Charter which consolidated the Association, and soon afterwards the Council decided to have the constitution and rules of the P.A.T.A. overhauled and strengthened. In framing the new constitution and rules the Council were guided throughout by Sir Wilfrid (now Lord) Greene, K.C., Sir Stafford Cripps, K.C., and Mr. H. Glyn-Jones, who were instructed by the late Mr. Cyril Kirby, solicitor to the Association.

"The Canadian P.A.T.A."

The stabilisation of prices and the absence of "cutting" among retail chemists in this country had long been noted by drug trade visitors from Canada and the United States, where, for many years retail price-cutting had been worse than anything ever experienced in Britain. These visitors learnt all about the P.A.T.A. and its founder and early in 1925 they and their colleagues in important drug trade organisations decided to invite Sir William's advice and aid in the solution of their own problems. He sought for and obtained leave of absence from the Councils of the P.A.T.A. and the Pharmaceutical Society for the first trip to Canada and the United States which followed. The result of this visit, on which he was accompanied by Mr. Kenningham, was the formation of the Canadian P.A.T.A., and his acceptance in 1926 of the offer to direct the organisation and act as chairman of its Council. He did this, he said, because he felt that the most urgent call for his services in the cause of price-maintenance came from Canada. To the formation and advancement of the Canadian P.A.T.A., Glyn-Jones, who was a sick man when he undertook the task, devoted the same fire, energy and enthusiasm he had shown thirty years earlier when launching its forerunner in England. When he resigned the secretaryship Sir William was made chairman of the Council of the P.A.T.A., in order that he might retain official contact and be free when in England to attend the Council meetings.

He died at Vancouver in September, 1927, on his return, after a brief visit home, to deal with the situation arising from the Government's investigation of the legality of the Canadian Association. To work with and under the direction of Glyn-Jones was an educational experience of immeasurable value.

The P.A.T.A. Council decided that the secretaryship vacated by Sir William should be filled jointly by Mr. J. A. Kenningham and myself—he was called organising and I general secretary, and we worked in harmony until his last illness in 1940. Kenningham, a past-president of the P.A.T.A., was a man of great capacity and exercised a strong influence among the proprietary manufacturers, with whom he had been connected all his business life and of whose Association he was also secretary. He was instrumental in getting not only his own company (Condy & Mitchell) into the P.A.T.A., but also other important manufacturers who, but for him, might have remained non-members.

Office Quarters

During its fifty years existence the P.A.T.A. has had varied office accommodation. The first headquarters was the back room of the Glyn-Jones pharmacy in East India Dock Road, where, as the founder has stated, correspondence and papers had a tendency to fly into the bath-tub of his young son. The next was No. 2 Stonecutter Street, a few hundred yards from Holborn on the one side and Ludgate Circus on the other. The old office and most of the buildings in Stonecutter Street were completely demolished in the "blitz." The P.A.T.A. next went to Temple Chambers, where it remained until 1920, when a move was made to 18 Tavistock Square, with the R.P.U. as neighbours at No. 19. The B.M.A. acquired 18 and 19 Tavistock Square as part of the site for their present imposing headquarters and when a new home had to be found the P.A.T.A. secured a long lease of 43 Gordon Square, on the Bedford Estate. This was in 1926 when Mr. C. H. Ratcliffe was president. It is mainly due to his interest and foresight that the interior of this fine Georgian house was adapted to provide for the Association its first really dignified, convenient and properly-furnished headquarters. 43 Gordon Square survived, without very serious damage but by a narrow margin, the air bombardments of 1940-45. It was unusable for a time, with shattered windows, fallen ceilings and cracked walls. From

October 1940 until the autumn of 1945 most of the administrative work of the Association was carried on from Bedford Square, where emergency premises had been secured. In 1939, the Council and Committee meetings were being held in London during the war.

Staff shortage has affected this as well as other organisations and businesses. The "faithful few" of 1939 who remain with the Association have done too easy a time. To them, my colleagues of the staff, I cannot pay too high a tribute.

War-time Services

The services rendered to its members by the P.A.T.A. during the war years are too recent and, I hope, sufficiently well known to make recapitulation unnecessary. The one thing only will be stressed—the fact that by ensuring the co-operation of its manufacturers and distributors in observing the principle as well as the provisions of the Prices of Goods Act, the P.A.T.A. obtained from the Central Price Regulation Committee recognition of the Association's Protected List as a list of "permitted prices," i.e. prices which may not be challenged by local price regulation committees if no complaint regarding them is lodged. This position is in happy contrast to that obtaining twenty-five or more years ago when the Profiteering Act was in force and numerous vexatious prosecutions of chemists in respect of their charges on certain P.A.T.A. goods had to be faced.

As a final word I would like to emphasise that the tripartite system of government which characterises the P.A.T.A. Council is a remarkably successful institution engenders among the members of each section—manufacturers, wholesalers, and retailers—a spirit of co-operation and understanding of the points of view and interests of the members of the two other sections with whom they are working. The good of the Association as a whole is not, primarily, of his own section but the objective of each councillor. I have space permitted me to refer individually to the presidents and members of Council of the P.A.T.A. under whom I have worked during the past quarter-century, and to express my friendship and considerate treatment, which I fully appreciate, and to many other interesting personalities in pharmacy and the trade. Perhaps one day, when the P.A.T.A. Jubilee is a memory and, like Mr. John I have been put on the shelf of retirement, this omission may be remedied in the Reminiscences of a Superannuated Secretary."

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

MEETINGS of the Council of the Pharmaceutical Society were held in London on May 5 and 6, the president (Mr. J. C. Young) in the chair. All members were present except two, who sent apologies. The PRESIDENT referred to the death of Mr. Ralph Stockman, late Professor of Materia Medica and Therapeutics in the University of Glasgow, and Privy Council Visiting Officer to the Society's examinations in Scotland since 1898.

Registration and Election Matters

THE SECRETARY reported that, since the previous meeting, twenty-seven persons had registered as apprentices or students; there had been nineteen applications for restoration to the Register. He read letters from the South African Pharmacy Board and from the Pharmaceutical Society of Victoria concerning their best wishes. Sixteen nominations had been received in connection with the Council elections; all persons nominated had accepted. (List in C. D., March 9, p. 298.) There had also been five nominations as auditors (Sir Hans Hague, Messrs. C. A. Hill, J. S. Hill, H. Jephcott and E. A. Umney), with acceptance. It was announced that the annual meeting would be held at 12 noon on May 16.

From the minutes of the Education Committee it appeared that the Admiralty and Army authorities were in consultation with a view to extending to Naval personnel the facilities for refresher courses provided by the Army.

Birdsgrove House

THE PRESIDENT submitted the minutes of the Birdsgrove House Committee, which had dealt with the conversion of Birdsgrove House into a convalescent home. It was agreed that an appeal should be made for equipment. Among items required were carpets, a piano, chairs, small tables, cushions, garden chairs and tables, books, music, gramophone records, cards and games, a billiard table and material for curtains and for covering chairs and cushions. Members would be invited to send articles direct to the House, and any required would be sold for the benefit of the Benevolent Fund. The Committee decided that the maximum period of stay for convalescents should be one month, except in special circumstances, and that children should be admitted only exceptionally. The official opening would be

at a small garden party on Sunday, April 28, when the president would preside and members of the Society would be invited. The PRESIDENT said he had been tremendously impressed both by the House itself and by the personality of the warden (Miss Jones).

MR. MACDONALD MURRAY moved the reference back of the report. Representatives of the branches, he said, should be invited to attend the opening ceremony. MR. TRISTRAM seconded, but the amendment was negatived. MR. C. DAVIS pointed out that, if one representative attended from each branch, that would mean some 120 people; it would be better for branches to send representatives in smaller groups after the home had been opened. The PRESIDENT said it would be impossible to provide luncheon for those attending, and there were difficulties of travel to be considered. It was regretted that, owing to the exigencies of the times, nothing more could be done.

College of Society

MR. H. C. SHAW (treasurer) presented the minutes of the Finance Committee. He said the Committee considered that the proposed allocation of £10,000 for the Society's College in 1947, together with "such sum as may be necessary to bring up any increased university grant and any income arising from the appeal to £5,000" should be understood to apply, so far as it exceeded £10,000, to 1947 only. He personally objected to any commitment in excess of £10,000.

MESSRS. H. M. HIRST and A. A. MELDRUM both dissented from the item in the minutes, and asked that their dissent should be recorded. MR. H. C. SHAW said that it would be necessary, so long as the Society carried on the College, to make good any deficiency; he urged the Council to exercise care in regard to the number of students admitted, and to make every effort to limit expenses. It would be an error to place on record that the Society was prepared to go beyond £10,000.

MR. W. S. HOWELLS said that such troubles as had occurred had been due entirely to the success of the College. He was convinced that the Society had a strong case, and that the money would be found, though perhaps not this year. The University Grants Committee was satisfied with the work done by the College, and a substantial grant might be hoped for,

in addition to endowments and contributions from industry, which every effort was being made to obtain. Mr. F. C. WILSON moved that the Council should request the Joint School Committee to discuss with the academic staff a limitation of commitments for the period after 1947. Mr. TRISTRAM seconded, and the motion was carried.

Subject to the expressions of dissent, the minutes were then received.

Benevolent Fund

THE PRESIDENT expressed the hope that publicity would be given to the great generosity shown by some branches of the Society. In particular, he mentioned that the average amount per member contributed by the Cheltenham Branch was no less than 39s.5d., while the average for the West Cumberland, East Cumberland and Wolverhampton Branches was in each case over 20s. per member. The Committee's report, presented by THE CHAIRMAN (Mr. McNeal) stated that grants had been made from the Benevolent Fund in eight cases, to a total of £253. Recommendations were approved for grants in four further cases, totalling £364.

Enlarging the Joint Committee

Consideration was given to suggestions for enlarging the Joint Committee on a National Health Service to make it representative of all pharmaceutical interests, a step that had been approved in principle by the Council in February. A proposed list of additions was approved for consideration by the Joint Committee.

A letter was received from the British Pharmaceutical Students' Association appealing for help in meeting a deficit of £25 caused by the sudden cessation of a grant hitherto received from the National Union of Students. It stated that the Union's income had suffered severely during the war because of the greatly reduced number of students, and that, although the Association would continue to be a faculty section of the Union, it must become financially independent for the time being. Approval of the Association's work was expressed by several members, and it was agreed that a grant of £25 should be made.

A reply was received from the Ministry of Health to a request by the Society that individual licences to make preparations containing quinine should be replaced for pharmacists by a general authority. The reply stated that stocks of available quinine were limited; until the position in Java

was more settled there was no prospect of adequate replacement. For this reason the present system of licensing would be continued. The Ministry suggested that members of the Society might be interested that any who wished to make preparations containing quinine could make the necessary application for a licence.

Staff Matters

A recommendation from the Establishment Committee that Dr. T. E. Ellis, who had tendered his resignation from the post of Reader in Pharmacognosy, should be asked to continue as Curator of the Society's museum, was accepted. It was reported that Mr. C. F. Paterson had resigned as a full-time demonstrator and had been re-engaged part-time until the end of the present session. Recommendations were approved for consolidating war bonuses with basic salaries.

Mr. W. S. HOWELLS (chairman, Establishment Committee) reported that the Society's museum specimens, which had been in the care of the Natural History Section, British Museum, during the war, had now been returned to South Kensington. It was hoped to report on the rehousing of the specimens in the near future.

Librarian's Washington Visit

Authority was given for the librarian (Miss Lothian) to attend a conference of the Medical Libraries Association to be held in Washington at the end of March. Mr. Howells said the Society's librarian intended to take the opportunity of visiting American libraries, pharmaceutical and medical, to gain an insight into the manner in which libraries similar to the Society's were run on the other side of the Atlantic.

A revised scale of fees for pharmacological and vitamin tests in the Society's laboratories was adopted.

Finance

THE TREASURER reported receiving notice that the 2½ per cent. centenary version Stock, 1944-49, of which the Society held £867 on Benevolent account, was to be redeemed at par on April 1, 1946; the Stock in question the remaining part of a purchase of £1,000 worth for the Premises Fund, and had been taken over by the Benevolent Fund for £850, so that there was now a profit for the Fund on redemption. Estimates of income and expenditure for the Society's College for 1946-47 prepared by the Joint School Committee for present

to the University, and approved by the Finance Committee, were passed.

Branch Representatives

F. G. WELLS reported that further consideration had been given by the Organisation Committee to the question whether a Branch Representatives' meeting formal lines should be held during 1946. It had been decided to defer a final decision on this matter pending a decision whether a representatives' meeting would be held on National Health Service matters. The report of the Law Committee, presented by THE CHAIRMAN (Sir Malcolm Lingne), showed that the premises of authorised sellers, fifteen listed sellers and 95 drug store proprietors and similar

traders had been visited by the Society's inspectors and agents. Thirteen cases of alleged infringements had been considered and appropriate action taken. THE CHAIRMAN reported that satisfactory assurances had been received from two advertisers that the form of advertising of dispensing services complained of would be discontinued. A further letter from a multiple firm expressing regret that the Society should find it necessary to pursue this matter at the present stage was reported. The company "could not accept the Society's views," and was not prepared to give the assurances asked for by the Council. The Council adopted a recommendation of the Committee concerning the further action to be taken.

DINNER TO MR. W. H. FOWLER

A COMPLIMENTARY dinner was given in London by members of the County of Surrey Pharmaceutical Committee to Mr. W. H. Fowler, Ph.C., who recently resigned his office after thirty-two years of service as secretary to the Committee.



Mr. W. H. Fowler, Ph.C.

Presentation

MR. D. S. HENDERSON (Chairman of the Committee), who presided, proposed the health of Mr. Fowler and wished him long life and happiness in his retirement. He

then called upon Mr. W. Morrell, Richmond, to present Mr. Fowler with a cheque and a silver bon-bon dish (suitably inscribed) to mark the appreciation of the Committee for the services rendered by Mr. Fowler to chemists of the County of Surrey during his long period of office. MR. MORRELL recalled many of the difficulties and trials of the early days of National Health Insurance, and told the gathering how Mr. Fowler, throughout those hard times, had always fought for the rights and status of the pharmacist within the service. MESSRS. W. WELLS and W. G. BURBAGE (County Insurance Committee) also paid their tributes to Mr. Fowler, laying stress on the great work done by him as secretary to the district pharmaceutical war committee and on the tremendous pains taken by him to

guide that committee to just and equitable decisions. MRS. J. K. IRVINE (Superintendent of the S.E. Division Joint Pricing Bureau) also made reference to the early trials of N.H.I., and said how, in her capacities, first as checker to the Surrey County and latterly as superintendent of the Joint Pricing Bureau, she had always been able to rely on the help of Mr. Fowler whenever it had been required. Each member of the Committee in turn then spoke of the high regard and esteem in which Mr. Fowler was held by the chemists of Surrey and by members of the Committee personally.

In his reply, MR. FOWLER expressed his deep appreciation of the kindness of the Committee in honouring him in this way, and said that the evening had been one which would always live among the happiest episodes in his memory.

Welcome for New Secretary

MR. W. V. BURLAND, the only member of the original Pharmaceutical Committee now in office, proposed the health of the new secretary (Mr. F. C. Wilson), and in welcoming him said that the occasion marked not merely a change of secretaries but also, with the impending advent of the new Health Service, the opening of a new epoch in the pharmaceutical field. MR. WILSON suitably responded, and the evening closed with musical honours for Mr. Fowler.

Make-weight.—A subscriber writes: "A customer of ours asked the other day, 'Please will you let me have some gentian violet, and you may as well give me some of those M. & Bs. at the same time.'"

NATIONAL PHARMACEUTICAL UNION

MEETINGS of the Executive of the National Pharmaceutical Union and Chemists' Defence Association were held in London on February 27, Mr. E. A. Brocklehurst in the chair. Reference was made to the death of Mr. E. Crossley Carr, Nottingham (a former member of the N.P.U. Executive), and a resolution of sympathy with his relatives was adopted; and to the retirement of Mr. H. England from the Central N.H.I. Committee, on which he had represented the Company Chemists' Association for a number of years. The Executive placed on record their appreciation of the valuable co-operation which Mr. England had at all times given in National Health Insurance matters.

Goods in Short Supply

The secretary's report concerned further representations and negotiations with the Government departments concerned in the maintenance of supplies and control of distribution of liquid paraffin, cotton wools and dressings, and rubber hot-water bottles. There was evidence that the authorities shared the concern felt by pharmacists at the liquid paraffin position and were taking action which should result in a steady improvement in the position. With the information forthcoming from the Ministry of Supply on cotton wool the Executive were not satisfied, and decided to make further urgent representations to secure an increase in supplies. No real progress could be reported in overcoming the difficulties experienced by many pharmacists in obtaining hot-water bottles, and the only solution appeared to be greatly increased production. Members were given to understand that steps were being taken to that end. Arrangements made through the Ministry of War Transport for the release of rubber hot-water bottles to shipping chemists, for supply under the Merchant Shipping Scales, were reported.

A Confidential Report

The course of discussions that had been taking place with the Customs and Excise authorities on the necessity of providing relief from loss by retailers on tax-paid stocks of goods held at the time of any purchase-tax remission or reduction in tax rate was the subject of a confidential report. The discussions had been initiated and pursued by a fully representative committee convened by the National Chamber of Trade, and it was stated that a full report

would be released so soon as this was possible without prejudicing the course of the discussions.

Action on Proposed Legislation

The Executive endorsed action taken by the National Health Insurance Bill Committee representing to the Minister of National Insurance that the National Insurance Bill should be amended so as to put self-employed persons in the same position as employed persons in relation to sickness benefit. Contact with the authorities on this and other matters affecting the interests of the self-employed person was being maintained through the National Trade Unions Committee on National Insurance.

MR. TRISTRAM reported on proceedings at a meeting of the pharmaceutical consultation with the Minister of Health to consider pharmaceutical matters under the impending National Health Insurance Bill. It was agreed that the widening of the representation of interests on the National Committee on a Pharmaceutical Service, which now seemed more acceptable to other constituent bodies of the Pharmaceutical Committee, should be urged forward on lines first proposed by the N.P.U. representatives in 1943.

A resolution from Oldham N.P.U. in regard to Proprietary Articles Association policy in relation to maintenance by co-operative societies was considered, and it was agreed to take the matter with the P.A.T.A.

The report of the War Distress Committee indicated that two grants of £250 for business reinstatement, and of £380 to enable a pharmacist to discharge business liabilities that had accrued when his business had been closed through war circumstances, had been made. Several applications were in hand uncompleted.

Chemists' Defence Association

Of nineteen claims outstanding at the January meeting of the directors of the C.D.A., one had been settled, and in the remainder there were no developments to report. Eight claims had arisen since the previous meeting, and negotiations were in hand in those in which it was not possible to settle liability on behalf of the members concerned. Arising out of a veterinary claim, it was agreed that further investigation should be made in regard to the toxic preparations containing DDT.

CHEMISTS' FRIENDS ASSOCIATION

A MEETING of the Council of the Chemists' Friends Association was held on March 7, the president (Mr. E. W. Godding) in the chair. This meeting was preceded on March 6 by a meeting of the C.F. Propaganda Committee. THE PRESIDENT extended a welcome to Mr. R. A. Peck on his appointment to the C.F. Council as representative for May, Roberts & Co., Ltd. MR PECK suitably replied. A report of a meeting of the Northern Ireland C.F. Committee, held at Belfast on February 15, was received and accepted.

President's Chain of Office

A letter was received from British Colloids Ltd. stating that they desired to signalise the appointment of their representative, Mr. V. E. Godding, as president, by presenting to the Association a chain of office, which Mr. Godding and succeeding president might wear. The Council gratefully accepted the offer, extending their warmest thanks to the company and its chairman (Captain R. C. Kelly).

At the Propaganda Committee's meeting Mr. V. T. Elder was elected *Chairman* for the year with Dr. S. Brook as *Deputy-Chairman*. The following members were elected to serve on the C.F. Bulletin committee: Messrs. Brook, Mallinson and Morgan, with the president (Mr. E. W. Godding) *ex-officio*. The make-up and layout of the March issue of the *Bulletin* were agreed upon. THE SECRETARY reported that the issue would shortly be circulated to all chemists in England, Wales,

Scotland and Northern Ireland. The 1946 issue of the C.F. list, he said, would be ready for circulation during March. He gave an encouraging report on work undertaken by the outdoor representative of the C.F. Association, and stated that the representative had arranged to address the following meetings upon C.F. and other matters: March 18, Dartford; March 27, Colchester; April 4, Southend-on-Sea; April 8, Aberdeen; April 9, Dundee; April 10, Edinburgh; April 11, South-west Scotland. An invitation to the secretary to address a series of meetings in Northern Ireland was received and the Council recommended that the invitation be accepted.

Membership changes

The following resignations from membership of the C.F. Association were accepted: Belle Isle Laboratories (Panacel ointment); Thermogene, Ltd.; New-Skin, Ltd. Five applications for wholesaler membership were considered. Four were refused and one was deferred for further consideration. An application from an approved wholesaler for transfer of name from Section B to Section A of the list of approved distributors by wholesale was not accepted.

Arising out of a speech by Mr. H. N. Linstead at the tenth annual luncheon to C.F. manufacturers, the Council discussed liaison with other bodies on questions of standards for advertisements relating to proprietary medicines, and the secretary was instructed to carry out a preliminary investigation.

WOMEN PHARMACISTS' "MEMBERS' NIGHT"

"MEMBERS' NIGHT" of the National Association of Women Pharmacists was held on February 28. The usual practice of circulating original papers read by members of the Association was this year suspended, as the purpose of the meeting was to give everyone present the opportunity of joining in the discussions.

"Priority" of Hospital Pharmacists

The first took the form of a friendly debate between hospital and retail pharmacists. Miss MORGAN, a retail pharmacist and the proposer of a motion "That hospital pharmacists have a feeling of superiority over their retail colleagues," suggested that this attitude was possibly due to an atmosphere of autoclaves, stills and refrigerators, which were not available

to the same extent in retail businesses. The fact that the retailer supplied the public with cosmetics had been criticised as unprofessional, and in this respect again the hospital pharmacist considered himself superior. Miss Morgan pointed out, however, that in psychological effect a lipstick was often better than a bottle of tonic to a depressed woman and its sale, therefore, could not be regarded as unprofessional. She appealed to all hospital pharmacists to realise that retailers were also in the fight for professional pharmacy. Opposing the motion, Miss LLOYD, a hospital pharmacist, said it was essential that co-operation should exist between retail and hospital pharmacists and that, without doubt, the retailer gave the public a most valuable service that could not be given

in any other way. Hospital pharmacists also gave an essential service, and although the everyday work of the two types varied considerably, they had much in common. The difference was in a divergence of interest. Miss Lloyd felt it was quite untrue to say that hospital pharmacists felt superior on the strength of this difference and she pointed out that, with the exception of research workers, both retail and hospital pharmacist acquainted themselves only with the subjects likely to be of use in the daily round. In this respect they were much on the same level, with little to feel inferior or superior about. It was important that they should exchange information.

Miss C. MOZLEY-STARK (president of the Association and vice-chairman, National Organisation of Employee Pharmacists) gave an account of the formation, constitution and purpose of the new body. This subject aroused considerable interest and discussion, and a number of members put questions to the speaker, who, in

reply, referred members to a report on the formation of the organisation.

In opening a discussion on the Pharmaceutical Society's proposed by-law to prohibit canvassing by candidate election to the Council, Miss CARLISLE said that, on the face of it, this seemed a reasonable and desirable step, but on the other hand it might limit a candidate too much, and raised a number of debatable points. For instance, could a candidate, under the new by-law, approach a Branch of the Society for the purpose of addressing a meeting? She suggested that two definite criticisms could be raised, namely, that the proposed by-law legislated too little or that it legislated too much. During the discussion it was pointed out that the proposed by-law had been put forward to bring the Society in line with other professional bodies in this respect. Canvassing by candidates for election to bodies similar to the Pharmaceutical Society was not allowed.

PERSONALITIES

SIR HENRY HALLETT DALE, F.R.S., has been elected to the Board of Trustees of the British Museum.

MR. W. W. COCKER, chemical manufacturer, was returned a City Councillor for the South division of Accrington recently.

SERGEANT STANLEY ANTHONY, M.P.S., has been awarded the certificate of the Commander-in-Chief for services with the 129th Field Ambulance. He was engaged in the Normandy landings.

MR. NORMAN CARTER, a partner in the firm of Carter Brothers, manufacturing chemists, Shipley, Yorks, has been re-elected a member of the West Riding County Council.

MR. ROBERT PRINGLE has been awarded a certificate of merit for devotion to duty by Lieutenant-General Ritchie, General Officer Commanding-in-Chief, Scottish Command. Mr. Pringle recently resumed his civilian occupation as a representative of T. & H. Smith, Ltd., Edinburgh.

MR. W. LESLIE MAYSON, M.P.S., was successful in the recent County Council elections in Westmorland. Mr. Mayson, who has been for twelve years a member of the Kendal Town Council, was a founder-member of the Westmorland Branch of the Pharmaceutical Society.

MR. J. ROSS-MANSELL, who was recently appointed secretary of the Institute of Chemists-Opticians, served his apprenticeship with Mr. C.

E. Sage, F.R.I.C., Ph.C., and was educated at Queen Mary College and the College of the Pharmaceutical Society, qualifying in 1921. He obtained the B.Sc. Hons. degree in 1923, and was appointed chief pharmacist of St. Mary Islington Hospital. He studied optics under the late Dr. Max Coque and became a member of the Institute of Chemists-Opticians in 1924. Mr. Ross Mansell is the author of many articles in the Press of both professions. He lectured at both the Optical Congresses of 1921 and 1931, and in the former demonstrated an optometer of the Emil Busch Optical Company, Rathenau, on which he had done much research work. Among the pharmaceutical organisations which he has helped to organise are the Pharmaceutical Society and the newly-formed National Organisation of Employee Pharmacists.



Mr. Ross-Mansell

OVERSEAS TRADE NEWS

Italian Sulphur for Greece.—Greece has recently received Sicilian sulphur worth 10 million lire in exchange for supplies of Greek goods.

Australian Hyoscine for U.N.R.R.A.—U.N.R.R.A. has placed an order in Australia for 500 oz. of hyoscine hydrobromide, to fill an urgent medical need in Europe.

Belgian Drug Imports.—The quantity of chemical and pharmaceutical products imported into Belgium during the period January–October 1945, amounted to 13,300 metric tons.

Rubber Shipments from Indo-China.—Large consignments of rubber are stated to be awaiting shipment from Indo-Chinese ports to France. These are additional to the 9,500 tons already shipped.

China Starts Austerity Era.—The Chinese customs have announced the coming into force of import bans on perfumery and cosmetics. Antimony and wolfram are on the list of prohibited exports.

Uruguayan Linseed Negotiations Fail.—It is reported that the sale of the exportable surplus of Uruguayan linseed to the United States has failed to materialise because the U.S. is dissatisfied with the Uruguayan Government's refusal to grant a preferential exchange rate.

Holland's Imports from the U.S.—An Amsterdam message states that Holland hopes to import goods to the value of \$300 to \$400 million from the U.S. in 1946, according to the Dutch Minister of Economic Affairs, Jonkheer H. Vos. This total would include \$20 million worth of chemicals.

French Copper Sulphate Requirements.—Less copper sulphate has been used in France for fungicide purposes during recent years. The decline is attributed to the smaller requirements resulting from several consecutive and comparatively dry seasons during which the incidence of mildew was reduced.

Savannah Rosin and Turpentine Market.—Export demand for rosin continues to be healthy, but activity is at a standstill owing to lack of export licences. The turpentine market remains inactive with offerings reduced to vanishing point. There has been a fall in demand at centres in the interior with current small stocks sufficient to meet all requirements.

Swiss-Norwegian Trade Pact.—Switzerland and Norway have concluded a commercial treaty under which Switzerland

grants Norway a credit of 5,000,000 francs (about £290,000) to allow that country to import vital goods needed for reconstruction, it was officially announced in Berne on March 6. Swiss exports to Norway will include chemical materials.

Peru to Expand Rotenone Production.—The production of rotenone in Peru, the chief war-time source of U.S. agricultural requirements of the insecticide, is to be expanded to the extent of doubling the pre-war output, the U.S. Office of Foreign Agricultural Relations reports. The Peruvian industry is located mainly in the Upper Amazon area, and exports to the U.S. reached almost six million lb. of crude and partially-ground roots in 1945. In addition, Brazil supplied the U.S. with approximately 600,000 lb. of the material last year, while other South and Latin American countries shipped small quantities. About 50 per cent. of U.S. pre-war requirements were met by Far-East exports.

South African Penicillin.—South Africa is officially stated to be using too much penicillin and may soon find herself without adequate supplies of the drug. All hospitals have been urged to practise the strictest economy if a grave and disturbing shortage is to be avoided. This authoritative information has been received at first hand from United States laboratories vitally concerned with the manufacture and distribution of penicillin. It is pointed out that at present the requirements of Europe alone cannot fully be met, and that it will take some time for more laboratories to be built for increased production of the drug. The impression seems to be abroad in South Africa that, with the termination of hostilities, there are plentiful supplies of penicillin. This is stated locally to be definitely not the case, and the United States cannot urge too strongly that the drug only be employed when absolutely necessary. Owing to technical difficulties it is not possible to increase production overnight, and the time factor necessary in the making of penicillin also governs the output. Nurses in South African hospitals have been asked to impress upon patients the fact that penicillin is not a "cure-all" and that the drug should never be used except under the instructions and supervision of a medical practitioner. Local production of penicillin ceased some time ago.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include optional marine risk insurance and other abnormal charges payable under present conditions.

28 Essex Street, W.C.2, March 13

ALTHOUGH little difficulty has been experienced in obtaining import licences for the items concerned, the granting of an open general licence for the importation of some thirty CRUDE DRUGS should assist to some extent in providing more ample supplies for the markets. The list of items no longer requiring separate import licences is as follows:—

GUMS AND RESINS :	Chiretta
Acacia	Colocynth, pulp or apples
Kauri	Croton seeds
Myrrh	Eucalyptus red gum
Olibanum	Euphorbia gum
Sandarac	Indian rhubarb root
Tragacanth	Ispaghula
QUASSIA	Kamala
DRUGS, RAW OR	Kino
SIMPLY PREPARED :	Kola nuts
Aconite	Nux vomica
Areca nuts	Papain
Asafoetida	Senna pods and leaves,
Buchu	Tinnevely
Chamomile flowers	Strophanthus Kombe
Cascarilla bark	Strophanthus gratus
Cassia fistula pods	Valerian root

Many of the drugs in the above list are of Indian origin and there is none from dollar countries. Importation from the latter sources will presumably remain under control for the present.

General conditions on the drug markets have remained quiet throughout the week, with few important price changes. Business in PHARMACEUTICAL CHEMICALS has again been moderate under stable price conditions. IODIDE manufacturers announce that they have reduced export prices of POTASSIUM IODIDE and RESUBLIMED IODINE to meet competition. Rates for SODIUM IODIDE and IODOFORM remain unchanged. Quotations for foreign markets may be obtained on application to the makers. Home market prices are not affected.

Crude Drugs

Conditions in these markets remain quiet with few price changes. Exceptions are ANTIMONY, which has advanced by £7 10s. per ton, and GUM ACACIA, which is lower by 2s. 6d. per cwt. The likelihood of an early return to the markets of Chinese RHUBARB is reported, and it is understood that if negotiations are successful the price will be in the region of 15s.

per lb. for rough-round. CARDAMOM continue scarce and firm at the last quoted prices. With the exception of Indian NUTMEGS, which are dear on account of short supplies, SPICES are quiet and unchanged. Both varieties of CHINESE NEAL may now be obtained on a spot. COLOCYNTH is a steady market at unchanged rates. KAMALA appears to be in a short supply. Inquiry for SEEDS is negligible and no improvement is noticeable in the supply position. Selected grades of TRAGACANTH remain scarce and firm. As noted last week Belgian VALEPA is now available. CARNAUBA WAX is in demand with no forward offers.

Essential Oils

Practically nothing of interest has occurred in ESSENTIAL OILS during the past week. Supplies remaining outside the scope of the control scheme are now practically exhausted and high prices would be required for any remaining quantities. Details of a statement issued by the Essential Oils Control are given on page 35.

Exchange Rates on London

Bank of England fixed rates at the close on Wednesday morning were:—

Centre	Quoted	March 13
*Alexandria	Piastres to £	97 1/2
Brussels	Francs to £	176 1/4
Copenhagen	Kroner to £	19.3 1/2
Dutch West Indies ..	Florins to £	7.5 1/2
Oslo	Kroner to £	19.9 1/2
Paris	Francs to £	479. 1/2
Lisbon	Escudos to £	99.8 1/2
Montreal	Dollars to £	4.4 1/2
New York	Dollars to £	4.02 1/2
Stockholm	Kroner to £	16.8 1/2
Zurich	Francs to £	17.3 1/2

*Free market rate

U.S. Drug Market Report

New York, March 8

EFFECTIVE from March 2, United States import controls on FISH-LIVER OIL have been removed, it is officially announced. A good demand for medicinal COD-LIVER OIL is noted and withdrawals continue from adequate stocks though the high price of oil is reported in a tight position. A reduction in the call for prescription oil is expected within a few weeks. SALICYLATES still present a rather difficult

poly picture. There are insufficient supplies of PENICILLIN to meet all demands and a trend towards higher prices has been in evidence of late. Prices for STRYCHNINE alkaloid and sulphate have been increased in line with higher production costs. Producers report that there will be no strychnine supplies for some time other than the forms. Meanwhile, a considerable shipment of NUX VOMICA has arrived from India. Quotations on Brazilian MENTHOL have been steadily rising during the week in line with expectations of an increase in shipping costs, though consumers are showing extreme caution in view of the prospect of supplies from China in the not-too-distant future. The supply position in THYRATES has tightened somewhat, and it is believed here that quotations on the imported material, currently substantially below those for the domestic product, will not decline further. Only small quantities of PHENACETIN and CINCHOPHEN are available while SACCCHARIN, VANILLIN, SODIUM PERBORATE and the NARCOTICS continue scarce. CRUDE DRUGS have displayed a rather quiet tone over the past week, though limited supplies of many items have maintained the generally firm pricing levels. In addition to the improbability of any substantial supplies from European sources this year, buyers are of the opinion that the domestic crop of botanicals will only approximate last year's low collection. ARNICA FLOWERS are an exception, it being expected that adequate supplies will arrive in the near future on the currently barren market. CAJABA WAX prices have again advanced on a tightening supply position; it is stated that very limited quantities of yellow varieties are available from Brazil and a crisis will most likely develop by the middle of the year. Detentions by the Food and Drug Administration are bearing up spot quotations for many imported items; recent commodities held up include a large consignment of ERGOT and many cases of RHUBARB. Exports of Polish LYTHODIUM via Russia are expected in the coming weeks. Firm conditions prevail generally among ESSENTIAL OILS. The week was featured by an increase in the P.A. maximum price on SANDALWOOD oil, spot supplies of which are virtually nonexistent at the present time; the new price is \$9.52 for 25-lb. tin containers. Price maximums are keeping business in Middle Eastern oils down to very small proportions with caution as regards Ceylon CITRONELLA continues.

Pharmaceutical Chemicals

ASPIRIN.—Home market rates are unchanged. Prices per lb., in quantities of 28 lb.—1 cwt., are as follows (containers in brackets): 4s. 1½d. (1-lb.); 4s. (4-lb.); 3s. 11d. (7-lb.); 3s. 10½d. (14-lb.); 3s. 9½d. (28-lb.).

ASPIRIN TABLETS.—The following prices per 1,000 are quoted by makers for bulk supplies: Under 5,000, 3s. 6d.; 5,000 and over, 3s. 4d.; 10,000, 3s. 3d.; 25,000, 3s. 1d.; 50,000, 3s.; 100,000, 2s. 11d.; 250,000, 2s. 10½d.; 500,000, 2s. 10d.; 1,000,000, 2s. 9d.

BARIUM SULPHATE, B.P. (x-ray).—Prices per lb. quoted by makers, in 28 lb.—1 cwt. lots, for home sales are (containers in brackets): 1s. 6d. (1-lb.); 1s. 4½d. (4-lb.); 1s. 3½d. (7-lb.); 1s. 3d. (14-lb.); 1s. 2d. (28-lb.). Prices are net, one month.

BISMUTH CARBONATE.—Quoted per lb. as follows, in lots of 14 lb.—28 lb., for the home trade (containers in brackets): 11s. 2½d. (1-lb.); 11s. 1½d. (2-lb.); 11s. 1d. (4-lb.); 11s. (7-lb.); 10s. 11½d. (14-lb.). CITRATE, 2s. per lb. above; SALICYLATE, 6d. per lb. above; SUBGALLATE, 4s. 3d. per lb. above; SUBNITRATE, 1s. 2d. per lb. below.

BORAX.—Ton lots are quoted as follows: B.P. quality, granulated, £38; crystal, £39; powder, £39 10s. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots and upwards.

BORIC ACID.—Current rates per ton are as follows: B.P. quality, granulated, £60; crystal, £61; powder, £62. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots and upwards.

BRUCINE.—Current rates per oz. are as follows: ALKALOID.—Under 25 oz. 1s. 4½d.; 25 oz. and under 100 oz., 1s. 4d.; 100 oz. and under 500 oz., 1s. 3½d. NITRATE and SULPHATE.—Under 25 oz., 1s. 3½d.; 25 oz. and under 100 oz., 1s. 3d.; 100 oz. and under 500 oz., 1s. 2½d.

CHLORAL HYDRATE.—Steady; current prices are as follows: 1 cwt., 3s. 10d. per lb.; 56 lb., 4s.; 28 lb., 4s. 2d.; 14 lb., 4s. 6d.; 7 lb., 4s. 9d.; less, 5s. 3d.

CODEINE.—Current prices per oz. for small lots are as follows: Base.—½ oz., 55s. 3d.; 1 oz., 52s. 9d.; 2 oz., 51s. 3d.; 3 oz., 50s. 6d.; 4 oz., 50s. 3d. HYDROCHLORIDE.—½ oz., 50s.; 1 oz., 47s. 6d.; 2 oz., 46s.; 3 oz., 45s. 3d.; 4 oz., 45s. PHOSPHATE.—½ oz., 43s. 9d.; 1 oz., 41s. 3d.; 2 oz., 39s. 9d.; 3 oz., 39s.; 4 oz., 38s. 9d.

DIAMORPHINE.—Current rates per oz. for small quantities are as follows: Base.—½ oz., 58s. 6d.; 1 oz., 56s.; 2 oz., 54s. 6d.; 3 oz., 53s. 9d.; 4 oz., 53s. 6d. HYDROCHLORIDE.—½ oz., 54s. 3d.; 1 oz., 51s. 9d.; 2 oz., 50s. 3d.; 3 oz., 49s. 6d.; 4 oz., 49s. 3d.

ETHYLMORPHINE.—Small quantities are quoted per oz. by makers as follows: Base.—½ oz., 61s. 6d.; 1 oz., 59s.; 2 oz., 57s. 6d.,

3 oz., 56s. 9d.; 4 oz., 56s. 6d. HYDROCHLORIDE.— $\frac{1}{2}$ oz., 53s.; 1 oz., 50s. 6d.; 2 oz., 49s.; 3 oz., 48s. 3d.; 4 oz., 48s.

GLUCOSE.—Powdered monohydrate for the home trade is quoted as follows: 14 lb.—28 lb., in 14-lb. lots, 11 $\frac{1}{2}$ d. per lb.; 28 lb.—112 lb., in 14-lb. lots, 11 $\frac{1}{2}$ d.; in 28-lb. lots, 10 $\frac{1}{2}$ d.

HOMATROPINE.—Makers' prices per oz. are as follows (prices per gram in brackets): ALKALOID.—1 oz., 97s. 6d.; 4 oz., 92s. 6d.; 16 oz., 87s. 6d. (4s.). HYDROCHLORIDE, HYDROBROMIDE and SULPHATE.—1 oz., 75s.; 4 oz., 70s.; 16 oz., 65s. (3s. 2d.).

IODINE PREPARATIONS.—Current home quotations are: POTASSIUM IODIDE, B.P.—112 lb., 9s. 3d.; 28 lb., 9s. 9d.; 14 lb., 10s. 3d.; 7 lb., 11s. 9 $\frac{1}{2}$ d.; 4 lb., 12s. 3 $\frac{1}{2}$ d.; smaller quantities, 12s. 9d. per lb. SODIUM IODIDE, B.P.—28 lb., 10s. 2d.; 14 lb., 10s. 8d.; 7 lb., 12s. 5 $\frac{1}{2}$ d.; 4 lb., 13s. 1 $\frac{1}{2}$ d.; smaller quantities, 13s. 11d. IODOFORM, B.P.—28 lb., 13s. 4d.; 14 lb., 13s. 10d.; 7 lb., 16s. 0 $\frac{1}{2}$ d.; 4 lb., 16s. 10 $\frac{1}{2}$ d.; smaller quantities, 17s. 8d. IODOFORM CRYSTALS.—2s. per lb. above powder prices. IODINE RESUBLIMED, B.P.—112 lb., 10s. 8d.; 28 lb., 11s. 2d.; 14 lb., 11s. 8d.; 7 lb., 13s. 5 $\frac{1}{2}$ d.; 4 lb., 14s. 1 $\frac{1}{2}$ d.; smaller quantities, 14s. 10d.

LACTATES.—Prices are as follows: LACTIC ACID.—Six-winchester lots, 3s. per lb.; smaller quantities, 3s. 1d. CALCIUM LACTATE.—Small quantities, 2s. 5d. per lb. CALCIUM SODIUM LACTATE.—Powder, small lots, 3s. 7d. per lb.; 14 lb., 3s. 4d.; 28 lb., 3s. 2d.; granular, one penny per lb. extra.

MANDELATES.—Makers' quotations are unchanged. SODIUM and CALCIUM.—4 oz., 8 oz., and 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb. (in 7-lb. packages), 16s. 9d.; 28 lb. (in 7-lb. packages), 15s. per lb., net. AMMONIUM (50 per cent. solution).—4 oz., 8 oz., and 1 lb., 11s. 9d. per lb.; 4 lb., 10s. 9 $\frac{1}{2}$ d.; 7 lb., 9s. 10d.; 14 lb. (in 7-lb. packages), 8s. 11 $\frac{1}{2}$ d.; 28 lb. (in 7-lb. packages), 7s. 11d. per lb., net. Packages are charged extra and should be returned promptly.

MANDELIC ACID.—Current quotations are as follows: 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb., 16s. 9d.; 28 lb., 15s.

METHYL SALICYLATE.—Smalls are quoted at 2s. 6d. per lb.; winchesters at 2s. 11 $\frac{1}{2}$ d.; 56 lb., in demijohns, 2s.; 1 cwt., in demijohns or carboys, 1s. 11 $\frac{1}{2}$ d.; 5 cwt., 1s. 11d. All prices net.

PHENOLPHTHALEIN.—Unchanged at the following prices: Less than 7 lb., 4s. 8d. per lb.; 7 lb., 4s. 7d.; 14 lb., 4s. 6d.; 28 lb., 4s. 5d.; 1 cwt., 4s. 4d.

POTASSIUM PERMANGANATE.—Current rates are as follows: B.P. (in 1-cwt. drums), 1 cwt. and over, 1s. 8 $\frac{1}{2}$ d. per lb.; 3 cwt. and over, 1s. 8d. TECHNICAL (in 1-cwt. drums), 1 cwt. and over, 166s. 3d. per cwt.; 3 cwt. and over, 161s. 9d.; 5 cwt. and over, 159s. 3d.; 1 ton and over, 156s. 9d.; 4 tons and over, 154s. 3d. TECHNICAL (in 5-cwt. drums), 5 cwt. and over, 156s. 9d. per cwt.; 1 ton and over, 154s. 3d.;

4 tons and over, 152s. Terms net, cash on paid station, containers extra and returned.

TERPINEOL.—Pure medicinal quality may be obtained at from 3s. 3d. to 4s. per lb., according to quantity.

THEOBROMINE.—Current prices are as follows: ALKALOID.—Smalls, 44s. 6d. per lb.; 7 lb.—28 lb., 43s. SODIUM SALICYLATE.—Smalls, 26s. 6d.; 7 lb.—28 lb., 25s. 3d. Tins extra.

Crude Drugs

ANTIMONY.—Prices of regulus have advanced by £7 10s. per ton, making the quotation for minimum 99.6 per cent. £125 10s., and for minimum 99 per cent. £125 per ton, delivered; crude, 70 per cent., for the home trade, £105.

ARECA NUTS.—Spot price is steady at 55s. per cwt.; shipment, unchanged at 55s. 1d.

BALSAMS.—Peru may be obtained on the spot at the unchanged price of 8s. 3d. per lb.; Canada is steady at 13s. 6d. to 14s. per lb.; Tolu and Copaiba are not available.

BELLADONNA.—English herb is steady at 4s. 6d. per lb. Low-testing Indian root would be worth around 2s. 3d. per lb.

BISMUTH.—Price of metal is steady at 6s. 8d. per lb. for minimum 5-cwt. lots.

BUCHU LEAVES.—In small compass the spot at 5s. 6d. per lb.

CARDAMOMS.—Continuing scarce and dear. Aleppy seed, spot, 8s. 6d. per lb.; green, greens, 7s. 3d. to 7s. 6d. per lb.

CASCARILLA.—Demand is fairly keen but spot price is unchanged at 3s. 6d. per lb.

CHAULMOOGRA.—No change has occurred in the spot price of *Hydnocarpus* at 2s. per lb., in tins in cases.

CHILLIES.—Quiet and unchanged. Spot, approximately 150s. per cwt.

CINNAMON.—Chips are in small spot at 2s. 2d. per lb.; quills are not obtainable.

CLOVES.—Quiet conditions obtain with bar quoted in London at 1s. 4d. per lb. Government, March-April, 9 $\frac{1}{2}$ d. per lb., c.i.f. Others, licence.

COCHINEAL.—Both silvers and blacks may now be obtained on the spot at 5s. 6d. per lb.

COCOA BUTTER.—Maximum official price is unchanged at 1s. 5d. per lb., ex factory or house, except under licence.

COLOCYNTH.—Good-quality pulp is steady on spot at 2s. 6d. to 2s. 9d. per lb.

DIGITALIS LEAVES.—Portuguese leaves are steady and unchanged on spot at 140s. per cwt. English leaves, 2s. 6d. per lb.

ERGOT.—Not much available on the spot. Price of any remaining supplies would be 7s. 9d. per lb.

GINGER.—West African, spot, 80s. 8s. 5s. per cwt.

GUM ACACIA.—Kordofan cleaned seed is now quoted on the spot at 67s. 6d. per cwt.

bleached at 145s. Talha, cleaned, may be obtained at 42s. 6d.

ENBANE.—Indian leaf is quoted on the spot at 250s. per cwt., and Egyptian (*muticus*) 25s.

ALAP.—Material testing 12.1 per cent. is available on the spot at 3s. 3d. per lb.

AMALA.—Any remaining spot material testing 6 per cent. ash, would be worth 2s. 9d. per lb.

ARAYA GUM.—Indian No. 1 gum may be obtained on the spot at 215s. per cwt.

OLA NUTS.—Small spot supplies are quoted as follows: African quarters, 8d. per lb.; African halves, 6d.; Jamaican washed halves, 7d.

ENTHOL.—Brazilian, spot, 32s. to 35s. per lb. duty paid; in bond, 27s. 6d.

MERCURY.—Prices are controlled by the Control of Mercury (No. 11) Order, 1945 (S.R. & O. 1945, No. 1229) (C. & D., October 13, 1945, p. 388).

MEGS.—West Indian remain in short supply. Prices are as follows: 80's, 4s. 3d. per lb.; sound unsorted, 4s.; wormy and broken, 3s. 9d.

EX VOMICA.—Madras is quoted for shipment at 32s. 6d. per cwt., c.i.f.

PPER.—Whole, not picked over or cleaned, on the spot for processors, is officially priced at 1s. 4d. per lb. for white pepper and 1s. per lb. for black pepper.

ENTO.—Quiet conditions obtain with spot sale at 1s. 3½d. per lb.; shipment, 12s. 6d. per lb., c.i.f. buyers' licence.

IBARB.—There are suggestions that Chinese may soon become available. Merchants here are endeavouring to buy and, if successful, price is expected to work out at 15s. per lb., landed duty paid, for rough-round.

APARILLA.—It is understood that the D.M. has issued a notice preparatory to granting export licences from Jamaica for which any firm may apply. Last business reported was at 2s. per lb., c.i.f. Spot supplies are stated to be available at 5s. per lb.

SOS.—Inquiry is negligible and the stock position in no way improved. DILL is the only variety of imported seeds available, the price being maintained at 110s. per cwt.

TACANTH.—Selected grades are scarce and firm at £160 per cwt. Medium grades are quoted as follows: No. 1 white, £145 per cwt.; No. 2, white, £125; No. 3 white, £110; No. 4 white, £85; pale leaf, £50; amber leaf, £30; dark amber, £35; brown leaf, £25; red-brown leaf, £20; red leaf, from £17; hoggs £12 to £15.

TUERIC.—The position as outlined last week unchanged.

VARIAN ROOT.—As noted last week, Belgian is now arrived, the price being 300s. per cwt.

WAXES.—BEES'.—Quoted on the market as follows: Dar-es-Salaam, spot, 335s. per cwt.; afloat, 326s.; shipment, March-April, 315s., c.i.f.; Benguela, March-April, 280s., c.i.f.; Abyssinian, March-April, 285s., c.i.f. CARN-AUBA.—All grades, spot, nominal; forward, no offers. OURICURI.—Spot, 8-9 per cent., 550s. per cwt.; forward, no offers. CANDELILLA.—Spot, 450s.; shipment, March-April, 405s. landed.

Essential and Expressed Oils

CLOVE.—Bud oil is quoted by English distillers at 12s. 6d. to 13s. per lb., according to quantity.

CASTOR.—Bulk supplies of "firsts" are officially priced at £82 per ton and "seconds" at £80, both naked ex works.

COCONUT.—The following are the fixed prices for bulk quantities: Crude, £49 per ton; refined deodorised, £49; refined hardened deodorised, £53.

COTONSEED.—Official quotations are as follows: Crude, £52 2s. 6d. per ton; washed, £55 5s.; refined edible, £57; refined deodorised, £58, naked ex works.

GROUNDNUT.—Bulk supplies are officially quoted as follows: Refined deodorised, hardened to 40°, £62 per ton; refined deodorised, hardened to 50°-52°, £63.

Essential Oils Control

THE following statement has been issued by the Essential Oils Control:—

Owing to the operation of Circular No. 18, paragraph 2—averaging of prices—the basis of valuation for import duty laid down in Circular No. 1, paragraph 5, can no longer be applied and in future the value on which duty will be assessed will be the c.i.f. cost to the A.R., plus his authorised commission of 5 per cent. and any other dutiable charges. As a result of this change the method of completing customs entry laid down in Circular No. 1, paragraph 5, requires amendment and Certificate C 105 B should in future be completed, as follows:—

Heading of Certificate—Delete all after word "imported."

Clause 1.—Delete (I) and (II) and substitute the words: "Approved representatives under the Ministry of Food scheme of control."

Clause 2.—Delete (I) and (II). Add to (III) "The value for duty is entered in accordance with Valuation Branch letter V 386/1946 A, dated February 27, 1946 viz., cost plus 5 per cent. and other dutiable charges."

These charges will operate as from March 11, 1946.

TRADE MARKS

(From "The Trade Marks Journal,"
March 6)

- "SPEKTRON"; for household dyes (non-toilet) (2). By Fuerst Bros. & Co., Ltd., 17 Philpot Lane, London, E.C.3. 637,307.
- "GOYA"; for perfumes, face powder, lipstick, and essences for toilet purposes (3). By D. R. Collins, Ltd., 161 New Bond Street, London, W.1. 636,974 (Associated).
- "IBCO PRIM" (word "Prim" disclaimed); for laundry preparations, toilet and cosmetic preparations, soaps, mouth-washes, bath salts, etc. (2). By A. Ibbetson & Co., Ib-co Works, Great North Road, Stevenage, Herts. 637,412 (Associated).
- "PROMENADE"; for brilliantine, dentifrices, bath salts, cosmetic and toilet preparations, perfumes, soaps and hair lotions (3). By Coty (England), Ltd., 3 Stratford Place, London, W.1. 637,554.
- "ARC DE TRIOMPHE" (device of same); for perfumes, toilet and cosmetic preparations (3). By Coty Inc., c/o J. E. Evans-Jackson & Co., 49 Albert Mansions, Kensington Gore, London, S.W.7. 637,646.
- "CONFESSION"; for face powder, dusting powder, toilet water and suntan oil, and perfumes (3). By Rallet Corporation, c/o J. E. Evans-Jackson & Co., 49 Albert Hall Mansions, Kensington Gore, London, S.W.7. 637,694.
- "BENELUTIN"; for pharmaceutical and sanitary substances, infants' and invalids' foods. "AURALGIN"; for pharmaceutical preparations for the treatment of the ears (5). By Bengers, Ltd., Holmes Chapel, Cheshire. 636,328 (Associated), 636,789.
- "PETHANOL"; for pharmaceutical preparations of pethidine hydrochloride (5). By Bayer Products, Ltd., 14 Waterloo Place, Pall Mall, London, S.W.1. 637,271.
- "SCIENTEX," "SCIENTOR" and "SCIEN"; for pharmaceutical preparations and substances; antiseptics, disinfectants, bandages, surgical dressings, sanitary towels and sanitary tampons (5). By Mary I. Downing, 120 Park Road, Oldham, Lanes. 637,571-72-73 (All Associated).
- "OTOMIDE"; for pharmaceutical preparations for use in the prevention and treatment of infections of the ear (5). By White Laboratories, Inc., c/o McKenna & Co., 14 Waterloo Place, Pall Mall, London, S.W.1. 637,610.
- "VITOSO"; for deodorisers for use in the preparation of food (5). By A. Finlay, Ltd., Victoria Square, Belfast. 637,649 (Associated).
- "THEAL"; for disinfectants; insecticides (5). By G. Thornfield, Fortress Grove, 28-34 Fortress Road, London, N.W.5. 638,330.
- "MAGNA-GRIP"; for display stands and brackets for use in shops, and shop fittings (20). By A. J. C. Wallace, 25 Farquhar Road, Edgbaston, Birmingham, 15. 636,89

COMING EVENTS

Tuesday, March 19

- NORTH STAFFS BRANCH, PHARMACEUTICAL SOCIETY, Grand Hotel, Hanley, at 7.15 p.m. Ministry of Information film show ("cillin," "DDT," etc.).
- LIVERPOOL CHEMISTS' ASSOCIATION and BRITISH PHARMACEUTICAL SOCIETY, Royal Institution, Colquitt Street, Liverpool, at 7.30 p.m. Professor H. Berry on "Fertilisation, With Particular Reference to Pharmaceutical Needs."
- HARROW BRANCH, PHARMACEUTICAL SOCIETY, Baptist Church rooms, College Road, Harrow, at 7.15 p.m. Dr. H. E. Archer, Ph.D., on "Chemical Pathology in the Diagnosis and Treatment of Disease."
- AGRICULTURAL GROUP, SOCIETY OF CHEMISTS, Physical chemistry lecture, Royal College of Science, Imperial Institute Road, London, S.W.7, at 2.30 p.m. J. H. Martin on "Insecticides: Chemical Composition and Toxicity."

Wednesday, March 20

- NORTH BRITISH BRANCH, PHARMACEUTICAL SOCIETY, 36 York Place, Edinburgh, at 7 p.m. Mr. Eric Knott on "Solar Salt" and Mr. G. B. West, Ph.D., on "Note on the Stability of Adrenaline Solutions."
- WESTERN PHARMACISTS' ASSOCIATION and PHOTOGRAPHIC DEALERS' ASSOCIATION, BRANCH, Wellcome Foundation, Ltd., Euston Road, London, N.W.1, at 7.30 p.m. Koda-color cine film on "And Now, Ap-shots Indoors." Refreshments.
- LEICESTER BRANCHES, NATIONAL PHARMACEUTICAL UNION and PHARMACEUTICAL SOCIETY, Royal Hotel, Leicester, at 7 p.m. Mr. E. Skues (a member of the Executive) on "The Position of Pharmacy in the National Health Service."

Thursday, March 21

- SHEFFIELD BRANCH, PHARMACEUTICAL SOCIETY, Y.M.C.A., Barnsley, at 7.45 p.m. Film on "The Future of Pharmacy."
- DUBLIN COUNCIL OF PHARMACEUTICAL SOCIETIES, 67 Lower Mount Street, Dublin, at 8.30 p.m. Impromptu debate. Prizes for best speaker.
- BEDFORDSHIRE BRANCH, PHARMACEUTICAL SOCIETY, George Hotel, Luton, at 7.30 p.m. Speaker, Mr. J. C. Young (president).
- DERBY SECTION, BRITISH ASSOCIATION OF CHEMISTS, School of Art, Green Lane, Derby, at 7 p.m. Professor R. G. W. Norrish on "Gaseous Explosions."
- EDINBURGH BRANCH, CHEMICAL SOCIETY, North British Station Hotel, Edinburgh, at 7.30 p.m. Dr. W. G. Ogg, M.A., on "The Elements in Agriculture."

Sunday, March 24

- MANCHESTER PHARMACEUTICAL ASSOCIATION, Ramble to Edale, Derwent, Hope, at 7.30 a.m. Central station, 8.45 a.m. Book return

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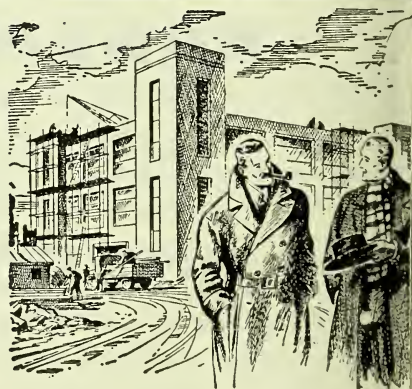
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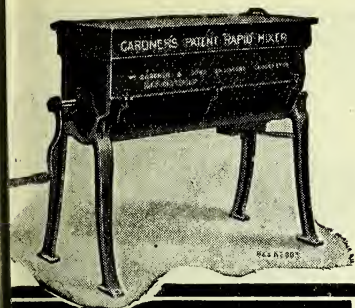
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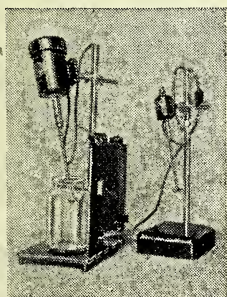
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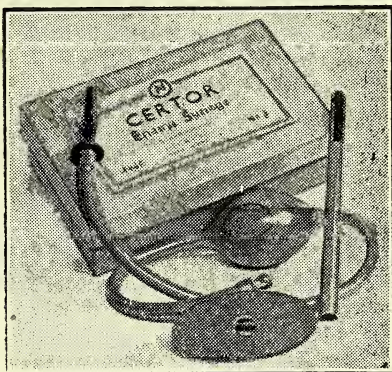
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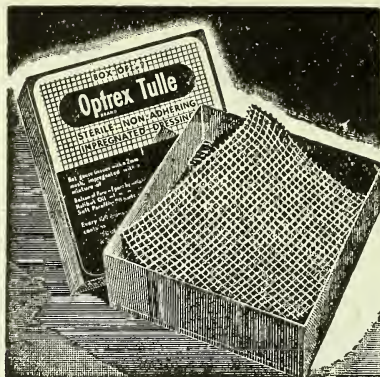
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FULLY MEDICATED

Optrex Tulle is a new, medicated dressing impregnated with a petroleum-jelly compound containing Balsam of Peru.

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Risk of damage to new tissue is reduced to a minimum; changing of dressings is painless and free from bleeding.

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The open "mesh" of Optrex Tulle permits free drainage of the wound; any discharge passes through the Tulle and is absorbed by the outer dressing. Changing of dressings can therefore be reduced.

RAPID HEALING

The medicated Tulle has a continuous antiseptic action and encourages healing and cicatrisation.

Supplied in Tins of 24 Dressings, 4" x 4".

Price 5/- per tin less 33½% discount.

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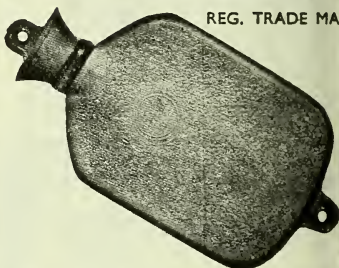
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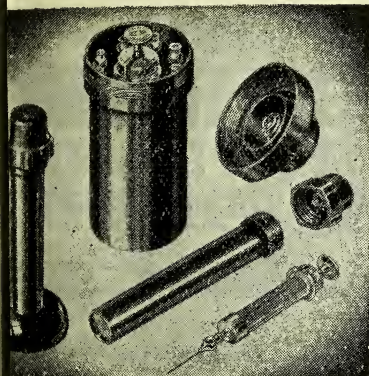
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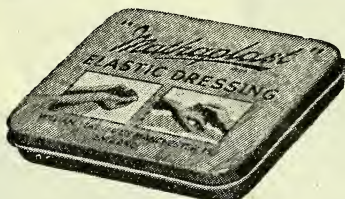
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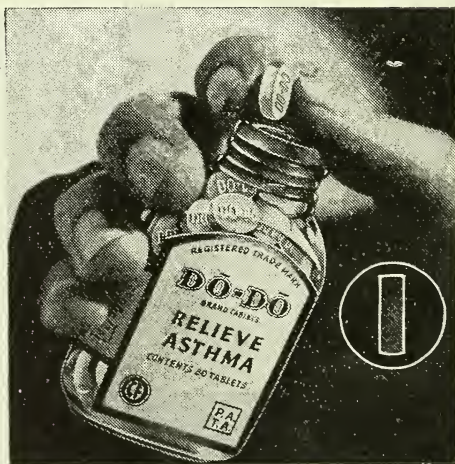
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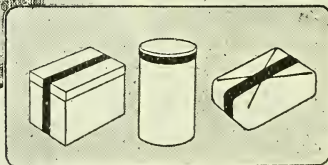
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A Chemist whose temper
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Is my one consolation,
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There's many a true word spoken in jest !
The policy of Brand's, while supplies are
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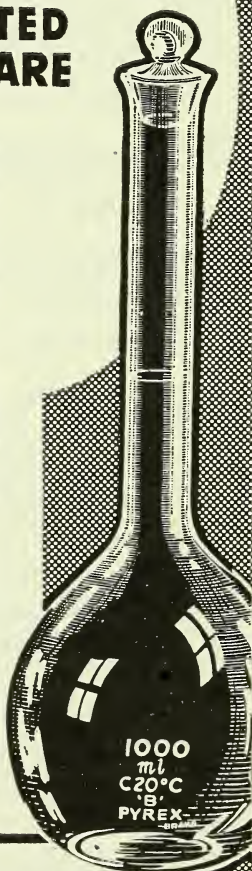
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SMARTLY PACKED IN TWO SIZES

4 oz. & 8 oz.

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(Indicated in all types of dry cough)

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“Is it all right for a child aged 5½ months?”

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These are questions which are often asked of a chemist. You know about M.O.F.'s component food factors, which, as names, mean very little to anxious mothers. But you, in your position of trust, asked all sorts of questions, must be sure that what you recommend is genuinely good.

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Per cent.		Grams per oz.	
Fat	6.2	Fat	1.8
Protein	10.7	Protein	2.1
Carbohydrate ..	70.0	Carbohydrate ..	19.8
Mineral Matter	2.7	Mg. per oz.	
Fibre	0.2	Iron	5.4
Moisture	10.2	Calcium	120.4
		Phosphorus ..	150.4
Vitamin B ₁ as Aneurin		Per oz.	
		Hydrochloride	0.079 mg
Vitamin D			600 I.U.
Calories			110
Compare this with any other Infant Cereal			

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M.O.F.
MIDLOTHIAN OAT FOOD

M.O.F. IS PREPARED BY A. & R. SCOTT LTD., WEST MILLS, MIDLOTHIAN, SCOTLAND



The CHEMIST AND DRUGGIST

SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

MARCH 16
1946

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QUALIFIED Lady or Gentleman required. No Sunday or Holiday duty. Apply W. T. Battrick (Chemists) Ltd., 34/36 New Park Road, Brixton Hill, S.W.2.

QUALIFIED Superintendent required for busy shop. Hours 9 a.m. to 7 p.m.; half-day and no Sunday duty. State salary and when free. 958/757, C. & D. Office.

QUALIFIED Assistant required for good-class business, mainly dispensing. Permanency, progressive salary, excellent prospects. Please apply with full particulars to Finlay McKinlay, Rexall Chemist, Glossop.

REQUIRED, Qualified Chemist, permanent, to commence during April or May. Busy middle-class retail business. Must be energetic and prepared to work; experience in latest medical products essential. Generous salary to first-class man, preferably ex-Service, short hours. 943/247, C. & D. Office.

ROCHDALE. Energetic Manager required for Branch shop. Good opportunities. Apply Superintendent, Mercer's, Ltd., 265 Olaham Road, Rochdale, Lancs.

SHEFFIELD. Qualified Manageress for Branch doing family trade in western suburb. Good conditions. Give details of experience together with references. J. Preston, Ltd., 208 West Street, Sheffield, 1.

SOUTHAMPTON. Qualified Manager required for High-class Pharmacy. Knowledge of Photography and Accessories. Scope for energy and initiative. Reply, giving full particulars and salary required. 958/760, C. & D. Office.

SURREY, twelve miles from London. Qualified Manager. Light Retail, small N.H.I. Permanency. No half-day or Sunday duty. (No living accommodation.) Interview to be arranged. Detail and experience please to 958/759, C. & D. Office.

TIMOTHY WHITES & TAYLORS have vacancies for dispensing assistants at various of their branches throughout the South of England, including Farnham, Dover, Leamington, Reading, Portsmouth, Watford and in the London suburbs. Good dispensing experience necessary; local interviews arranged; good salaries; permanencies. Apply Retail Staff Dept., Timothy Whites & Taylors, Ltd., 70 Vauxhall Bridge Road, London, S.W.1.

UNQUALIFIED Assistant (Male) wanted for Good-class West-End business. Must be accustomed to first-class dispensing and counter trade. Apply with full particulars re age, experience and salary required, or personally, to A. Maitland & Co., 35 Torrington Place, W.C.1.

UNQUALIFIED Assistant Dispenser required for good-class family and dispensing business. Apply to S. A. Sheard, 9 Leeds Road, Harrogate.

WANTED Dispenser-Secretary, some nursing experience an advantage, in Medical and Surgical practice. Apply with references to James Lyons, M.D., F.R.C.S., 12 The Avenue, Lincoln.

WORKING, Surrey. J. Wearing, Pharmacist, requires Qualified and Unqualified Assistants for a good-class business. Good wages and prospects. State usual particulars.

WORKS. Lady, qualified or unqualified, for country business. Pleasant district, easy hours; permanency if suitable. Full particulars and salary required to Moore, Chemist, Borough-bridge.

YOUNG Qualified Manager required for good class business in Berkshire market town. Photographic experience an advantage; good opening for a keen and reliable man or woman. Apply, stating age, experience, salary, etc., to G. W. Scaddan & Co., Ltd., Market Place, Abingdon, Berks.

YOUNG Qualified Assistant required for high-class dispensing business. Apply Lane, 100 Western Road, Hove, 2, Sussex.

LOCUMS WANTED

DISPENSER Locum wanted from May 26 for 4 weeks. Pleasant district. Apply Dr. Laing, Limsfield, Surrey.

QUALIFIED Locum required for June and July. Send terms by letter to Superintendent Chemist, Dewsbury Planners' Industrial Society, Ltd., 41 Northgate, Dewsbury.

QUALIFIED Locum required Midlands, A. September; salary and expenses; all accommodation arranged and paid. 956/679, C. & D.

QUALIFIED Locum required for three or four months, commencing March 18, or soon. Applications, stating age, experience and required, to the Managing Secretary, Scout Com-operative Society, Ltd., 180 High Street, Scunthorpe.

ROTHERHAM Chemists require a Locum or female from June 3rd to end of September. Replies to Mr. Turner, 31 Broom Lane, Rotherham.

RETAIL (OVERSEAS)

NAIROBI, Kenya Colony. Wanted young man, preferably doctor's or solicitor's son from school, for high-class business. Salary £40 per month. Five years' contract, passageway both ways. Delightful and healthy climate. Taster answered similar advertisement twenty ago and has settled in Kenya and has only England twice on business since. For fuller apply Box 493, c/o Streets, 110 Old Broad Street, E.C.2.

WHOLESALE

AGENTS wanted for heavily advertised proprietary articles. Good commission and permanent positions to men with strong connexions as chemists, hairdressers, etc., in London and the provinces. 957/721, C. & D. Office.

ANALYTICAL Chemist required by London Manufacturing Chemists. Practical work experience of general routine analysis and all assays of drugs, including Opium, essential. One week. Reply, giving particulars of experience, salary, etc., to 946/357, C. & D. Office.

ANALYTICAL Chemist (F.R.I.C. Branch) required for works laboratory near Liverpool. Apply, giving details of age, experience and salary required. 957/701, C. & D. Office.

ASSISTANT Chemist required by light engineering works in Tolworth, Surrey. Must be given with knowledge of factory progress. Write age, experience and salary required to Bob Martin, c/o Pool's, Aldwych House, London, W.C.2.

BOB MARTIN, LTD., invite confidential applications for the position of Assistant Chemist in their laboratory. Applicants must possess or equivalent pharmaceutical qualifications, and a sound knowledge of modern analytical methods applied to pharmaceutical products. Previous experience is desirable but not essential. Enquiries for enthusiastic worker with personal Age 30-35 years. Give fullest details in salary required and names of references to Laboratory, Bob Martin, Ltd., Southport.

CHEMIST (B. Pharm. or equivalent) required by a leading Pharmaceutical House to take over their laboratories situated near London. Experience in laboratory control of Pharmaceutical products in preparation of ethical products is essential. The post offers good prospects for a chemist qualified and experienced. Replies in confidence to Managing Director, 949/458, C. & D. Office.

COSMETIC Chemist capable of taking charge of manufacturing high-grade cosmetics including lipsticks, nail varnish, creams, etc. Must have initiative and organising ability and practical experience in modern methods and machinery. Factory of nationally known products in London area. Write giving details and age, experience and salary required in confidence to C. & D. Office.

COUNTER Hands, male or female, for vending Dry Counters, required by London drug Also Finishers. 957/728, C. & D. Office.

NERGETIC Representatives required for Midlands, Northern England and Scotland. Must be first-class connexions with Stores and Chemists in a position to carry a good-class cosmetic commission basis. Write, giving full particulars 56/685, C. & D. Office.

EXECUTIVE required by firm of chemical exporters and manufacturing chemists. Important position with good prospects. Applications, age, experience and salary required, to 591, C. & D. Office.

PERIENCED Counter Hand (either sex) required to take charge of Order Assembly. Foreman Packer (either-sex) to supervise filling of chemists' small packs. Write, stating experience and wages required, to Damancy & Co. Harrow, Middlesex.

PERIENCED Propaganda Representative required by British firm manufacturing ethical products to contact doctors, dentists, hospitals, etc., in Scotland with occasional visits abroad. Applicants resident in Scotland and fully qualified pharmacists with some medical degree, should write in confidence giving details of education, experience, whether married or single, and stating salary expected to 957/707, C. & D. Office.

LONG-TIME Representatives required by important Manufacturing Chemists to sell wide range of self-emulsifying waxes, perfume compounds and general raw materials for cosmetic preparations; also good range of containers etc. Vacant areas are West of England, Wales, and Counties. Four north counties. Recent connections Chemists and Hairdressers desirable. Expenses and commission. Full particulars letter. 958/752, C. & D. Office.

MANUFACTURERS of exceptionally attractive pharmaceutical specialities require Sole Agents in following areas: (1) Eastern Counties, Essex, Berks, Beds, Herts, Oxford, Northants, and London Counties, (4) South and Mid Wales. Applications will only be considered from men of experience, stability, enthusiasm and initiative. Established connexions amongst retail and wholesale chemists, Co-ops, stores, etc., and not less than two lines. Generous commission and substantial incomes are guaranteed to selected agents. Remunerations on the basis of salary, expenses and commission will be considered. Write in confidence giving fullest particulars including experience, present lines carried and if car 958/739, C. & D. Office.

ESTABLISHED London House has vacancy for Factory Manager. Must have good experience in technical production, packaging, factory organisation and knowledge of buying markets. Must be able to evolve new lines and improve existing ones in quality and design. Good salary and excellent prospects. Give full particulars of experience and salary required to 956/693, C. & D. Office.

QUALIFIED Chemist wanted by old-established wholesale firm to take charge of wet counter. Must be suitable man. Reply giving age, experience and full particulars to Smith & Sons (Wholesale) Ltd., 44/8 Magdalen Street, Norwich.

REPRESENTATIVE required immediately Gloucestershire, Herefordshire, Oxfordshire, Wiltshire, Shropshire, etc. Must have live connexion with Chemists throughout territory. State age, experience, salary, etc., Victor Spencer, Ltd., 28/30 Street, Birmingham, 5.

REPRESENTATIVES required throughout U.K. by firm of Insecticide Manufacturers (for dogs) in Chemists, Pet Stores, Co-ops, etc. Good commission paid. Write giving full particulars to 957/711, C. & D. Office.

REPRESENTATIVE for first-class Chemical Goods required for Soapless Washing Powders, Creams, Polishes, Modelling Wax, etc. Apply, 954/611, C. & D. Office.

REPRESENTATIVES with good established connexion amongst Chemists wanted to carry a high-class proprietary product on commission basis. Write stating particulars of territory covered and lines carried. Box No. 718, c/o Walter Hills, 67 Southampton Row, London, W.C.1.

REPRESENTATIVE for cosmetics and toilet soap. Strong personal connexion with London chemists, grocers and stores. Full details to 958/743, C. & D. Office.

REPRESENTATIVE required by well-known firm of Essential Oil Merchants and Importers. Full time position with exceptional opportunities. Applicant would be required for London and near Provinces and must be of good education and address and have some experience of the trade. Write, stating full particulars to E. O. M., 958/744, C. & D. Office.

REPRESENTATIVE for South Yorkshire required. Applicants must be Chemists with previous experience an advantage. Apply Managing Director. Hirst Brooke & Hirst Ltd., Sheepscar Works, Leeds, 7.

REPRESENTATIVE required for Northern Ireland by firm of wholesalers of Chemists Sundries. Commission basis. 958/753, C. & D. Office.

REQUIRED immediately by London firm of Manufacturing Chemists, a young Unqualified Chemist, preferably with some experience of tablet making and coating and/or of making pharmaceutical preparations on a large scale. Good prospects to accurate and energetic worker. Apply, with full particulars of experience and salary required, to 958/761, C. & D. Office.

REQUIRED by Manufacturing Chemists in London, a young Qualified Chemist to supervise production of Pharmaceutical Preparations. Permanent and progressive opportunity for a man of ability and initiative. Write, stating age, experience and salary required to 958/746, C. & D. Office.

REQUIRED, four Pharmacists or men possessing equivalent scientific knowledge to act as professional representatives. Must reside in (1) Belfast, (2) Glasgow, (3) Swansea, Cardiff or Newport and (4) Cambridge, or very near these towns. Required also two women of good general education to call on clinics, nursing homes, etc. Pharmaceutical or biological knowledge a decided advantage. Must reside in following towns or very near, and willing to travel in neighbouring counties: (1) Exeter, Plymouth or Devonport, and (2) Bournemouth, Portsmouth, Southampton or Salisbury.

Applications (accompanied by recent photograph if available) giving age, experience, qualifications and salary desired to G.1228, Bensons, Kingsway Hall, London.

SALES Manager required by Yorkshire firm of Manufacturing Chemists. Must be fully experienced in controlling strong national sales force with large turnover. Knowledge of proprietary products an advantage. State age and experience. Salary £1,000 p.a. - 955/637, C. & D. Office.

SALES Manager for small progressive company. Must have held similar position; knowledge of production an asset; with or without investment; preferably qualified. Directorship will be given to right man. Staff have been advised. 957/732, C. & D. Office.

SENIOR Assistant Analyst required for works control laboratory, experience in pharmaceutical analysis essential. Apply giving full particulars to Works Chemist, Timothy Whites & Taylors, Burley Hill, Leeds, 4.

SPECIALITY Salesmen to call on Chemists only in Greater London Area. One advertised Product with excellent prospects. Salary, commission and expenses. Box No. 323, New Era Advertising Service, Ltd., Ludgate House, 107 Fleet Street, E.C.4.

TABLET Coater required by well-known manufacturing chemist in N.W. England. Permanent position. Wages £7 per week. 957/722, C. & D. Office.

TABLET Coater, experienced, required by manufacturing chemists in west of London; free accommodation next door to factory, and good wages for right man. Applications, together with references and wages claimed, to Box 990A, Smiths', 100 Fleet Street, E.C.4.

TABLET Coater required by Midland Manufacturing Chemist. Write stating age and experience to 632/749, C. & D. Office.

TABLET Maker required to take charge of modern factory, South London. Good salary and prospects. 955/650, C. & D. Office.

TRAVELLERS required on commission basis, for all counties Great Britain, to call on chemists, hairdressers and stores, etc., with new proprietary medicinal lines, together with established products; travellers with good connexions preferred but not necessary. Reply 956/673, C. & D. Office.

UNQUALIFIED Man with wholesale manufacturing experience of galenicals, ointments, etc., required as Wet Foreman by Manufacturing Chemists in N.W. London Suburb (Metropolitan or Piccadilly Tube, 10 miles out). Good wages and prospects to a really experienced man. Write 957/709, C. & D. Office.

WANTED. Smart, capable woman, to supervise all female labour in Mass Production Cosmetic Factory. Must have thorough knowledge of Assembly and the ability to handle staff. Excellent wages and conditions. Full particulars to 958/734, C. & D. Office.

SITUATIONS WANTED

2/6 for 18 words or less. 1d for every additional word.

RETAIL (HOME)

QUALIFIED Lady (30) seeks post. Greater London Area; middle-class retail. Living accommodation absolutely essential. Garden an advantage. Six years' managerial experience in suburbs. Opportunity for small financial interest after probationary period on incentive but not imperative. 958/751, C. & D. Office.

UNQUALIFIED. Experienced Senior Assistant. Few hours daily useful help given. Dispensing "Good Panel" and general routine. Waiting rebuilding. Gibson, 31 Stansfield Road, Stockwell, S.W.9.

RETAIL (OVERSEAS)

CHEMIST, married, aged 33, desirous of settling in South Africa, willing to undertake short term contract. Durban, Cape Town or Johannesburg. Full particulars in first instance. 958/742, C. & D. Office.

RHODESIA or Union South Africa. Pharmacist, 33, married, desires progressive position as Senior Pharmacist, preferably with view ultimate interest in business or succession. Replies by air mail please. 958/749, C. & D. Office.

WHOLESALE

ACTIVE Traveller. Free from National Service. Excellent References. Good connexions Southern Counties. Applications to F. Hayes, 50 Hamilton Road, Reading, Berks.

ADVERTISING. Responsible situation required with manufacturer. Wide creative experience including Medical Press, Veterinary Press. Pharmaceutical Press, direct mail, printed display, packaging, etc. At present in similar position with leading manufacturing chemists. Provinces not objected to. 957/723, C. & D. Office.

GENTLEMAN Representative seeks post. Age 32, tall, good appearance. Connexions chemists S.E. London, Kent, Sussex. 957/716, C. & D. Office.

PHARMACIST, aged 30, just released from essential war work, seeks situation in Wholesale or Sales Organisation. Reply to Marcus A. Cooper, 181 Canterbury Road, Davyhulme, Manchester.

PURCHASING and Forwarding Representative Residing London, prepared undertake U.K. for firm abroad. Wide range of goods. R experienced, own car. Reply by Air Mail. 958/690, C. & D. Office.

QUALIFIED Chemist, 34, 6 ft. tall, at representative for ethical firm in Lancashire change. 958/748, C. & D. Office.

REPRESENTATIVE with sound connexion in class chemists, stores and ladies' hairdressing Midlands and Wales. Eight years with well known Beauty House. Own car. Seeks engagement would consider good agencies 957/727, C. & D. Office.

SOLE British Sales Representative of reliable American Manufacturers seeks immediate responsible position as Representative for surgical-medical goods manufacturer. London, Home Counties preferred. Excellent connexion leading chemists, medical and surgical throughout Great Britain. Six years' selling experience; age 31; own car. Resident Bucks. 957/754, C. & D. Office.

STOCK Control or Buyer. Fully experienced in both; age 45 years. Advertiser desires 956/690, C. & D. Office.

TRAVELLER wishes to represent first-class for cosmetics and perfumery, ground previously covered Essex, Norfolk, Suffolk, Lincolnshire, Leicestershire. Resident in Suffolk. 958/738, C. & D. Office.

UNQUALIFIED, single, 32, 14 years' experience in pharmacy with multiple, 3 years' stock private chemists; car driver. Seeks responsible post in warehouse, wholesale, or retail concern; depot; London or Provinces. 958/740, C. & D. Office.

WELL-KNOWN Representative with 20 years' experience principally Yorkshire carrying two known products wishes to add one more. 958/705, C. & D. Office.

EXPORT TRADE

DENMARK. Soundly established Agent representative for well-known British fine chemicals manufacturers (24 years' connexion). seeks competitive agencies for fine and heavy chemicals and solvents. First-class trade and references exchanged. N. H. Andersen, 33 Klagegade, Copenhagen, K.

EXPORT/SHIPPING. Woman with experience pharmaceuticals, chemicals, seeks responsible position. Three last 957/729, C. & D. Office.

OLD-ESTABLISHED British Merchants in London authorised to import medicines into Pakistan to receive offers for agencies of medicine that area. Best references. 954/598, C. & D. Office.

PHARMACEUTICAL firms which are represented in Iraq are invited to come with Faiba Drug Co., Ltd., Khan Haj Daud Street, Baghdad, Iraq. Remarkable results guaranteed. Very excellent bank and references on demand.

PARTNERSHIPS

PARTNER (Qualified) wanted, with London. Good business. Scope for 958/755, C. & D. Office.

PARTNERSHIP in wholesale or manufacturing or allied business desired by qualified in or near London. Will invest up to £3,000 954/608, C. & D. Office.

PARTNERSHIP offered to Glass Works registered manufacturer of Toilet Wares (engaged in exporting cosmetics), in return guaranteed supplies of bottles and £5,000 capital; highest references; principal 956/669, C. & D. Office.

APPOINTMENTS

There is a vacancy on the Publishing Staff of
THE CHEMIST AND DRUGGIST

an Assistant with an all-round knowledge of the Drug Trade. He should be possessed of business instinct, have experience of modern methods, and be capable of dealing with commercial correspondence, and preferably be a pharmacist. Applicants should give full particulars (by letter only) of qualifications, salary expected, etc., to the Staff Director, Morgan & Co. (Publishers), Ltd., 28 Essex Street, London, W.C.2.

An Editor is required for an established Export Trade Journal covering the Drug, Chemical and Associated Industries. Applicants must have a thorough knowledge of the export side of the industries and be sufficiently experienced in journalism to edit the Journal with the object of promoting British trade in Export Markets. The position offers an excellent opportunity for a man with modern ideas on make-up and the production of a first-class and attractive publication. Applications will be treated confidentially. Send particulars of previous experience, age and other details to CBD/429, C. & D. Office.

Applications are invited for the post of Assistant Pharmacist (lady). Salary according to experience; B.H.A. scale. Federated Examination Scheme in force. Applications, with copies of testimonials, to the Secretary, County Governor, North Staffordshire Royal Infirmary, Stoke-on-Trent.

ASSISTANT PHARMACIST required; salary according to B.H.A. Scale. F.S.S.N. in force. Applications, stating experience, and with testimonials, should be sent to the Staff-Superintendent, Beckett Hospital, Huddersley.

MIDDLESEX COUNTY COUNCIL

ASSISTANT PHARMACIST required at WEST MIDDLESEX COUNTY HOSPITAL, Isleworth, Middlesex, to commence duty as soon as possible. Salary £7 7s. per week. Applications immediately to Chief Pharmacist of hospital.

C. W. RADCLIFFE,

Clerk of the County Council.

Huddersley Guildhall,
Westminster, S.W.1.

ROYAL BERKSHIRE HOSPITAL

READING

Applications are invited for the post of Assistant Pharmacist (temporary). Salary per annum. Particulars of age, experience and qualifications, accompanied by copies of testimonials, should be sent to the House Governor.

SURREY COUNTY COUNCIL

ALL SAINTS' HOSPITAL, GUILDFORD

ASSISTANT PHARMACIST, temporary. Must be P.S. or Ph.C. Salary £250 x £10 to £300 p.a. plus bonus 23/- p.w. male, 18/6 p.w. female. Apply to Medical Superintendent.

THE HILDMAY MISSION HOSPITAL

100, CANNON STREET, BETHNAL GREEN, E.2.

QUALIFIED LADY ASSISTANT required. Applicants should be in sympathy with the religious work of the hospital.

Only, stating age and previous experience, to Mrs. R. L. Loader, M.P.S., at the above address.

THE SOUTH LONDON HOSPITAL FOR WOMEN

CLAPHAM COMMON, S.W.4.

ASSISTANT PHARMACIST required. Full or part-time. Salary in accordance with the Society's scale. Applications stating age, experience and accompanied by testimonials should be sent to the Secretary as soon as possible.

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less.

BAKELITE Containers, Screw Cap, Flat Circular shape. Capacity 4-oz. Suitable creams, capsules, etc. 10 gross 20/- gross. Sample 2½d. stamp. 957/718, C. & D. Office.

CARDBOARD Gas Mask Containers, Brand New, £5 per 1,000. Worham, 19 Ea-tcheap, London, E.C.3.

FOR SALE. Three 6 ft. x 29 in. mahogany sloping lift-up glass top counter cases. Perfect condition. Seen at Nageles, 8/12 Broadwick Street, Wardour Street, W.1.

LIQUID Spray Insecticide. Five drums (1 ton) for sale. Made by world-famous firm, bottled under nationally known trade name (sold by Boots). Surplus bulk stock offered by distributors owing to difficulty in getting bottles for coming season. Write 957/710, C. & D. Office.

VACUUM Drying Chambers 3 ft. 9 in. dia. x 1 ft. 9 in. deep, 40 lb. steam pressure. Vacuum Pump, 30 c. ft. displacement per min., by Pulsometer Eng., with 2 h.p. motor, 440 volts, 3 phase, 50 cycles. Aluminium Steam Jacketed Pan, 48.4 galls. capacity, on legs, 40 lb. steam pressure. Reed Brothers (Engineering) Ltd., Bevis Marks House, E.C.3. Avenue 1901/5.

3 DRUMS, each 40/45 gallons, yellow mineral oil at £7 per drum, for disposal. Mem Products, Ltd., 247 Regent Street, W.1.

5 GROSS Amber Winchester, Bakelite Caps. Barrington, Hannan & Son, 37 Lewisham Road, Lewisham, S.E.13.

BUSINESS OPPORTUNITIES

7/6 for 40 words or less, 2d. for every additional word.

MANUFACTURING Chemists have facilities for packaging health salts in 4-oz. drums, including supply of drums, labels with customer's own name. 957/706, C. & D. Office.

PHARMACIST will undertake translation of medical leaflets, labels, etc., in French and Arabic. 957/714, C. & D. Office.

TABLETS. Manufacturers can undertake the compression of tablets from 3/16" diameter up to 2". Contracts for customer's own materials preferred. 958/735, C. & D. Office.

TECHNICAL and Medical Copy Writing. Free-lance team of three, consisting of two technical copy writers and one scientist (chemistry degree and medical qualifications), undertake technical and medical copy writing. 957/719, C. & D. Office.

PATENTS

THE Proprietors of the Patent No. 542715 for "Improvements in or relating to Tooth Brushes" are desirous of entering into arrangements by way of licence and otherwise on reasonable terms for the purpose of exploiting the same and ensuring its full development and practical working in this country. All communications should be addressed in the first instance to Haseltine Lake & Co., 28 Southampton Buildings, Chancery Lane, London, W.C.2.

WANTED

7/6 for 36 words or less. 2d. for every additional word.

AUTOMATIC Cream Filler wanted at once; big price paid. Shavex Co., Bavaria Road, Holloway, N.19.

MANUFACTURERS urgently require Pine Oil Sylvestris or Siberian. Please quote for small or large quantities to 957/726, C. & D. Office.

MANUFACTURING Chemists wish to buy Gum Kino or Eucalyptus Rostrata. State quantity and price to 958/733, C. & D. Office.

MICROSCOPES. We do not pay high prices for old junk, but for fine modern apparatus our prices are the best in the trade. If you want a dependable overhauled microscope, consult us. One criticism in ten years, and that speedily rectified—that is our record. Wallace Heaton, Ltd. (Mayfair 7511, ask for Mr. Cole), 127 New Bond Street, London, W.1.

PEPSIN Powder. Any quantity 4 ozs. upwards wanted. Offers to 957/708, C. & D. Office.

REQUIRED Edge Runner Mill, 6 ft. dia. or thereabouts, in good condition; either secondhand or new. Hygienic Chemical Co., Ltd., Metalclad Works, Gasworks Road, Neath, Glam.

SWEETENING Tablets, M.O.F., wanted in bulk any quantity—cash waiting. 956/684, C. & D. Office.

WANTED. 1-oz. bottles, small or large quantities, machine made. Highest cash paid. Write to 947/385, C. & D. Office.

WHOLESALE (only) concern requires supplies of Perm Machines, Dryers, Heaters, Hairdressers' Sundries of all kinds. Bank and trade references given. Sales organisation extensive (22 representatives). Write in confidence 957/731, C. & D. Office.

8-OZ. Plain Medicals, 8-oz. ribbed Ovals, 2-2½-oz. Panels; divisioned cartons to hold any of these. Samples and prices to S. Tatlow & Co., Ltd., Eckington, Sheffield.

26-OZ. and 13-oz. Wine or Champagne Bottles required. 625/524, C. & D. Office.

BUSINESSES FOR DISPOSAL

7/6 for 40 words or less. 2d. for every additional word.

DRUG Store in centre of town, with living accommodation. North-West Coast. Mostly prescribing and surgical. Owner retiring after 33 years. Suit energetic person. Apply 958/741, C. & D. Office.

HERBAL and Hygienic Stores, main road, Ipswich; buses stop opposite: double fronted; two large attics, 2 bedrooms (room scullery, larder, ground floor); stock, fixtures. Goodwill £350. Reasonable trial given. Agreement 3 years with option; long lease possible; immediate possession. Apply Herbalist, 6 St. Johns Street, Belford.

PERSONAL Limited Company for sale, including Trade Mark (name). Suitable for hair and toilet preparations manufacturers. Principals apply in first instance to Messrs. Tonair Health Products, Ltd., 232 Bath Street, Glasgow, C.2.

SOUTH DEVON Coastal Town. An established business in main street. Good-class well-fitted shop. Turnover £4,000. Gross profits 33½. Rent £136. Rates £58. 958/737, C. & D. Office.

UNIQUE opportunity to acquire high-class old-established Pharmacy. Disposing for family reasons. In busy main shopping centre London area. Min. station. Long lease. 957/730, C. & D. Office.

AGENCIES

7/6 for 36 words or less. 2d. for every additional word.

ADVERTISER open to accept agencies in London and South Coast. Own car. years' connexion Chemists, Stores, etc. E. references. 957/712, C. & D. Office.

ADVERTISER calling on Chemists in South-West desires additional quality firms marketing advertised Packed Goods, grade Chemists' Sundries. 958/747, C. & D. Office.

B. SC. PHARM. desires agency in N. Ireland leading manufacturing firm. Good connections amongst chemists. Young, able, tall, good appearance. 957/717, C. & D. Office.

LANCASHIRE. Sole agency required for retail line for sale to chemists. Wholesale dist. surgical dressings and chemists' sundries. storage premises. 957/711, C. & D. Office.

LIVE Agent, previously Sales Manager to proprietary medicine house, and at representing well-known firm in London and South Counties, desires one additional agency of repute. Advertiser, who has important connections throughout the United Kingdom, is prepared to undertake coverage for whole country and guarantee satisfactory results in return for representation. Excellent credentials and standing. 955/632, C. & D. Office.

LONDON House requires sole selling agent for Eire for two toilet products. Only remuneration considered. Write 955/663, C. & D. Office.

NORTHERN IRELAND. Young Man, 34, Agency or Representation. Well connected. Own car. Commission preferred. References available. 957/713, C. & D. Office.

SOLE Agencies open to representatives in small lots. Manufacturer of soaps, powders requires agents who can get regular business. Exceedingly good commission is offered. 958/750, C. & D. Office.

WANTED. Agency for North of England and S. Scotland, by young firm just enlarging activities, business mainly with pharmacists interested in toilets, sundries, etc. 956/680, C. & D. Office.

WELL-ESTABLISHED firm of Distributors Chemists, Stores, etc., are prepared to accept an additional sole agency. United Kingdom covered by a team of first-class representatives. 7,000 a week. Manufacturing facilities available if required. Particulars, in confidence, to Managing Director. 956/667, C. & D. Office.

BUSINESSES WANTED

7/6 for 40 words or less. 2d. for every additional word.

ESTABLISHED Chemist Business required in near future in Mansfield or surrounding district—with or without living accommodation. Neglected business with scope for increase was considered—capital immediately available. Business treated with strict confidence. 956/681, C. & D. Office.

HILLIER, PARKER, MAY & ROWDEN. Surveyors and Valuers, 77 Grosvenor W.1, have applications for several sound aggressive single-shop Businesses occupying trading positions in London and Province. Group Concern would be seriously considering Owners contemplating sale or their solicited invited to write for further information to Parker, May & Rowden, 77 Grosvenor Street, W.1.

WANTED. Drug Store with living accommodation on or near South Coast (Kent, Sussex). cash for reasonable property doing £40 p.w. "ist." 60 Fircroft Road, Tooting, S.W.17.

**BRITISH ALKALOIDS
AND FINE CHEMICALS**

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